

## **Historic, Archive Document**

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# MICHELL'S BULBS

1928

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## MICHELL'S DARWIN TULIPS

No. 1. **Mr. Farncombe Sanders.** Doz. 70c; \$4.00 per 100; per 1000, \$35.00.

No. 2. **Pride of Haarlem.** Doz. 70c; \$4.00 per 100; per 1000, \$35.00.

No. 3. **Dream.** Doz. 75c; \$4.50 per 100; per 1000, \$40.00.

No. 4. **La Tulipe Noire.** Doz. 90c; \$6.00 per 100; per 1000, \$55.00.

No. 5. **Centenaire.** Doz. 75c; \$4.50 per 100; per 1000, \$40.00.

If wanted by parcel post, add 10c per doz., 25c per 100 for postage.

See body of this catalog for other varieties of Darwin Tulips; refer to index.



HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.

**NOTICE TO CUSTOMERS OUTSIDE OF THE  
UNITED STATES**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

**BUSINESS TERMS**

We especially invite Charge Accounts which is more convenient than to remit for each order at the time it is sent us. When sending your first charge order, please send us the names and addresses of two or more business houses with whom you have had past or present credit relations.

**REGARDS C. O. D. SHIPMENTS**

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.). No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders can be accepted where the amount is less than \$1.00.

**SHIPPING INSTRUCTIONS**

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

**PACKING CHARGES**

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged. Any extra charges over actual postage on Parcel Post orders is for extra packing required.

**FORWARDING SERVICE**

We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item up to and including the third zone; for other zones add additional postage, or consult your Post Office for rates.

**PARCEL POST RATES**

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, etc., weighing over eight (8) ounces are sent at zone rates.

Parcel Post weight limits are 70 lbs. in 1st, 2d and 3d zones; in all other zones 50 lbs.

All Plants, Roots and Bulbs are forwarded by Express (or parcel post when possible) purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs unless otherwise noted.

**To all points east of the Mississippi River, 15 per cent. extra to cover postage and packing charges.**

**To all points west of the Mississippi River, 25 per cent. extra.**

Poisons cannot be sent by parcel post.

If Special Delivery is wanted an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.



**SAFE ARRIVAL.**—We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no express or freight agent, to such points the purchaser must assume any claim for loss or damage.

**LOCAL DELIVERY.**—Our free delivery service covers Philadelphia and the following points: Fox Chase, Lawndale, City Line in the Old York Road district, Bala, Cynwyd, Wynnefield, Overbrook, Bywood, Drexel Hill, Stonehurst, Highland Park, Lansdowne, Falls of Schuylkill, Roxborough and Manayunk.

Also note that we do not guarantee to maintain a daily delivery to these points.

Please note the free delivery service does not include bulky quantities of fertilizers in over  $\frac{1}{4}$  ton quantities. Special arrangements can however be made for delivery of these.

Shipment of goods can also be made by package service from Market and Chestnut St. Ferries, Broad St. Station, Reading Terminal and B. & O. R. R., at 24th and Chestnut Sts.

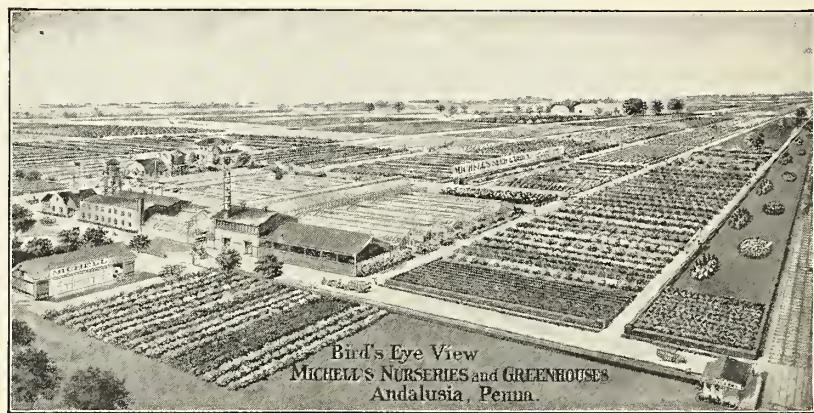
The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c.	25 lbs. to 40 lbs., 24c.
10 lbs. to 25 lbs., 18c.	40 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

**CONDITIONS OF SALES**

All contracts, sales and acknowledgments of orders are contingent upon crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods. No responsible seedsman can give a warranty.



Please note parcel post charges quoted by us are for delivery in the United States only.

**HENRY F. MICHELL** { PRESIDENT  
SECRETARY

**HENRY F. MICHELL CO.**  
SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS,  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES { 509-11-13 LUDLOW ST. AND  
AMERICAN AND DAUPHIN STS.

518-516 MARKET ST., PHILA.

NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

**FRED'K J. MICHELL** { VICE PRESIDENT  
TREASURER

BELL AND KEYSTONE  
TELEPHONES

## ORDER SHEET

**Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply.**

**ORDER NO.**

# **HENRY F. MICHELL CO. 518-516 MARKET ST. PHILADELPHIA, PA.**

L.T.
T.
L.
Zone

Ship to \_\_\_\_\_  
NAME \_\_\_\_\_ Please prefix Mr., Mrs. or Miss.

Date 192

Street \_\_\_\_\_

P. O. Box—

Post Office \_\_\_\_\_ R

R. F. D. No. -

Freight or Express Address \_\_\_\_\_

10 B/W \$6.95 P.Q.

County \_\_\_\_\_ State \_\_\_\_\_

### State

Charge to \_\_\_\_\_ Charge Ad

### Charge Address

Gardener's or Superintendent's Name \_\_\_\_\_

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PRICED BY

Please DO NOT Write  
in This Space

**HENRY F. MICHELL CO.** give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.



# MICHELL'S MERITORIOUS BULB SPECIALTIES

1

A selection of outstanding varieties of bulbs that are sure to enhance the beauty of your garden or conservatory.

## DARWIN TULIPS

**City of Haarlem.** One of the best scarlet varieties for bedding or forcing in pots; large flowers on strong stems. \$1.75 per doz.; per 100, \$12.00.

**Feu Brilliant.** Glowing vermillion scarlet; large, well-formed flowers on strong stems. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**King George V.** Salmon scarlet shaded rose, blue base; an excellent bedder. \$2.00 per doz.; per 100, \$15.00.

**La Fiancee.** Deep rose shading to old rose, delicate pink at edges; a splendid large flowering variety. \$1.50 per doz.; per 100, \$9.00; \$85.00 per 1000.

**Roi d'Islande.** (Matchless) A rare shade of old rose; highly recommended for late forcing. \$1.25 per doz.; per 100, \$8.50; \$80.00 per 1000.

## BREEDER TULIPS

**Bacchus.** Dark violet, blue base starred white. \$1.25 per doz.; per 100, \$9.50; \$90.00 per 1000.

**Louis XIV.** Dark purple flushed bronze, with broad margin of golden brown; a unique variety of striking beauty. \$1.25 per doz.; per 100, \$8.50; \$80.00 per 1000.

**Madame Leithierry.** Deep rose pink flushed salmon, a unique color, of very distinct form. \$1.15 per doz.; per 100, \$7.50; \$70.00 per 1000.

**St. James.** Chestnut brown flushed bronze, gold margin; flowers large. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

## MAY FLOWERING OR COTTAGE TULIPS

**Argo.** Golden yellow mottled red, passing to reddish brown; a very attractive variety. \$1.75 per doz.; per 100, \$12.00.

**Grenadier.** Brilliant orange red, yellow base; of fine form and substance. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**Lord Carnarvon.** White with large violet rose margin, intensifying to wine red; this variety belongs to the Triumph class. \$2.50 per doz.; per 100, \$18.00.

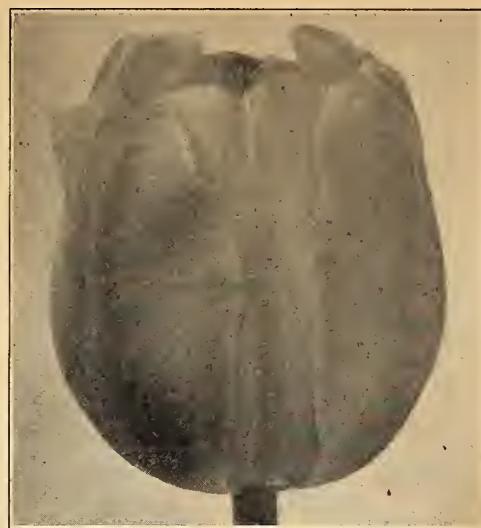
**The Siren.** Beautiful cerise pink, margined pale pink with white base; a lily flowering type. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

## PARROT TULIP "FANTASY"

This new variety is a sport from Cl ra Butt Darwin Tulip; the color is a beautiful true pink, the inside of the flower being of a more intense pink than the Clara Butt. The flowers are produced on straight, strong stems; petals are beautifully laciniated; the outer sides marked with apple green. \$1.00 each; doz., \$10.00; \$75.00 per 100.

## TULIP CLUSIANA (Lady Tulip)

One of the most attractive of the late botanical sorts. Flowers are long, narrow and pointed; color, pure white flushed cherry-red, with violet base; excellent for forcing as well as for naturalizing. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.



*Darwin Tulip, City of Haarlem*

## NARCISSUS

**Admiration.** This variety is of the Poetaz or cluster-flowered type; excellent for house culture or the garden; color, pale yellow, cups edged scarlet. 35c. each; per doz., \$3.50; \$25.00 per 100.

**Emerson.** Fine large rich yellow trumpet with frilled edge, perianth lighter; a good forcing variety. 80c. each; per doz., \$8.50; \$65.00 per 100.

**Fair Bostonian.** A bicolor variety of giant proportions, very attractive. 60c. each; per doz., \$6.25; \$45.00 per 100.

**Primrose Phoenix.** A double flowering variety; color, primrose yellow. 30c. each; per doz., \$3.00; \$22.00 per 100.

**Prince of Wales.** Light yellow, bold and free flowering; long stems; large trumpet. 75c. each; per doz., \$7.50; \$55.00 per 100.

**Red Chief.** A medium trumpet variety; color, white, with large, bold flat cup and broad edge of crimson scarlet. 30c. each; per doz., \$3.00; \$22.00 per 100.

## COLORED FREESIAS

	Doz.	100	1000
<b>California.</b> Bright golden yellow.			
Selected bulbs.....	\$0.90	\$6.50	\$60.00
Mammoth bulbs.....	1.15	7.50	70.00
<b>Carrie Budau.</b> Lavender pink.			
Selected bulbs .....	.90	6.50	60.00
Mammoth bulbs.....	1.15	7.50	70.00
<b>June Michelsen.</b> Deep rose pink, with white throat, lower petals veined crimson.			
Selected bulbs.....	1.15	7.50	70.00
<b>Olivette.</b> Carmine red with yellow throat.			
Selected bulbs.....	.90	6.50	60.00
<b>Yellow Prince.</b> Deep yellow.			
Selected bulbs.....	.85	6.00	55.00
Mammoth bulbs.....	.90	6.50	60.00



*Trumpet Narcissus*

# MICHELL'S SUPERB DARWIN TULIPS

Darwin Tulips are more largely grown every year and considering the splendid form, exquisite coloring and the immense size of the numerous varieties it is not surprising that they have obtained great popularity. The color plate on first cover of this catalog can give only a faint idea of their beauty. While they belong to the late blooming or May Flowering class, they are distinct in style of growth; the gigantic flower cups are borne on straight, stout stems which are far above a broad foliage. For massing, bedding or border planting the Darwins are hard to equal. For pot culture they are splendid and are just the ideal tulip to grow for Easter. Please note there is no yellow colored Darwins and for this the May-flowering Tulip, Inglescombe Yellow may be used.

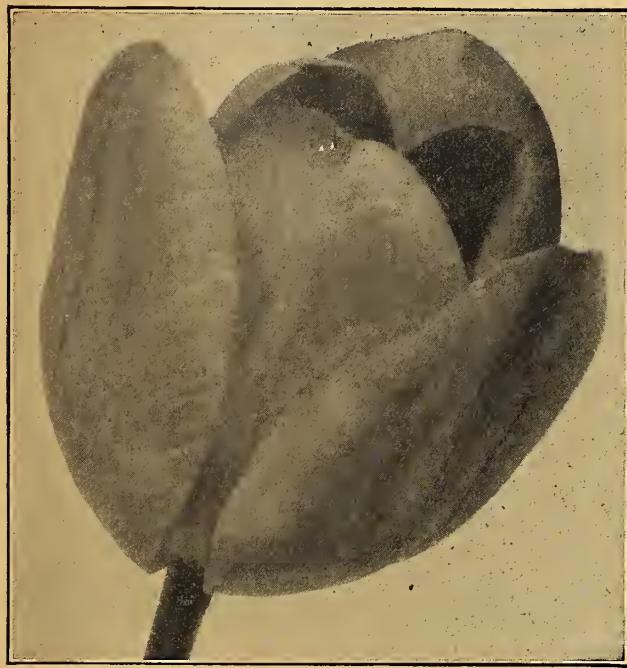
**CULTURAL DIRECTIONS.—For Bedding Out.** Plant in October or November in good, well-drained garden soil; set the bulbs 5 to 6 inches apart and 4 to 5 inches deep. After the ground has frozen, cover with litter, leaves or manure to protect them from frost; this should be removed in the spring when danger from hard frost is past.

**For Pot or Pan Culture.**—Plant 4 to 6 bulbs in a 6-inch pot or 6 bulbs in a 6-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought in a moderately cool room and gradually warmer; by bringing in a fresh supply every ten days, they can be had in bloom all winter.

For complete cultural notes, see "Michell's Bulb-Growing Guide," sent free on request.

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F, G and H following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.



*Afterglow*

**Afterglow** (*Katharine Havemeyer*). F 26. Deep rosy orange with salmon shading at edges of petals; inside deep orange with yellowish base. \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

**\*Baronne de la Tonnaye.** F 26. Large flowers of a rose pink color, with blush pink margin. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Bartigon.** F 24. Fiery red color, with pure white base; a very showy variety; grand forcer. 70c. per doz.; per 100, \$4.25; \$35.00 per 1000.

**Bleu Aimable.** F 25. Lavender with white base, starred blue; distinct in shape. 80c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*Centenaire.** E 30. A distinct variety with enormous flowers; rich violet rose with large blue center; excellent for border or for forcing. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**\*City of Haarlem.** F 27. One of the best scarlet varieties for bedding or forcing in pots; flowers large, on strong stems. \$1.75 per doz.; per 100, \$12.00.

**\*Clara Butt.** G 21. Delicate salmon pink; its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Dream.** G 26. Large cup shaped flowers; color, rosy lilac and mauve, blue base. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**Feu Brilliant.** F 28. Glowing vermillion scarlet, large, well-formed flowers on strong stems. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*Glow.** E 23. Scarlet, margined white, blue center; the flowers are of large size and very showy. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**\*Gretchen or Margaret.** H 22. A most attractive variety, of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**Jubilee.** F 30. Rich violet blue shaded purple; flowers of large size and good substance. \$1.50 per doz.; per 100, \$9.50; \$90.00 per 1000.

**King George V.** F 25. Salmon scarlet shaded rose, blue base; an excellent bedder. \$2.00 per doz.; per 100, \$15.00.

**La Candeur or White Queen.** F 24. Large globular flowers of pure white, slightly tinted blush when opening. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**La Fiancee.** G 30. Deep rose shading to old rose, delicate pink at edges; a splendid large flowering variety. \$1.50 per doz.; per 100, \$9.00; \$85.00 per 1000.

**\*La Tulipe Noire (The Black Tulip).** G 25. The nearest color to black in Tulips; deep maroon black with a velvety sheen. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**\*Le Notre.** E 24. Beautiful shade of bright pink, blue base starred white; very large. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**\*Madame Krelage.** F 26. Bright lilac rose, margined pale silvery pink; inside is a soft rose pink; very large flower of beautiful form. A good forcing variety and excellent for the border. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Mr. Farncombe Sanders.** F 25. Brilliant scarlet, with a clear white base; giant flowering. One of the showiest of all Darwins; a good forcer. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**Mrs. Potter Palmer.** G 26. Rich glowing purple, a very distinct and striking color. Excellent for border planting. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**\*Phillippe de Commines.** E 24. Rich, deep purple; one of the best dark sorts. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

# MICHELL'S SUPERB TULIP BULBS

3

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F, G and H following the variety indicates their relative time of flowering, the E's being the earliest to bloom. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.

## DARWIN TULIPS—Continued

**\*Pride of Haarlem.** F 26. Brilliant rosy carmine; one of the most popular varieties of Darwins. The size of the flowers is immense, having usually more than six petals, giving them the appearance of Double Tulips. A favorite for bedding and forcing. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Princess Elizabeth.** F 23. Large flowers of perfect form; deep rose pink, white base. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**Prince of the Netherlands.** F 31. Cerise scarlet edged rose, blue base; flowers of enormous size. 80c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*Professor Rauwenhoff.** F 26. Bright cherry red, blue star at base; a large and attractive variety. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Rev. H. Ebwbank.** F 20. Light heliotrope, shaded lavender; a splendid bedder; also stands forcing splendidly and produces large flowers of a very pleasing color. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Roi d'Islande (Matchless).** F 27. A rare shade of old rose; highly recommended for late forcing. \$1.25 per doz.; per 100, \$8.50; \$80.00 per 1000.

**Sultan.** G 22. Very dark maroon, almost black; undoubtedly the best of the dark varieties. The strong stems hold the flowers erect, making it an excellent bedder. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*W. Copeland.** E 24. One of the best early forcing varieties; color, delicate lavender. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**\*William Pitt.** E 24. Dark crimson, shaded purple on outer petals; a large and beautiful variety. 80c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Darwin Mixed.** A great variety of colors and shades. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

## COLOR PLATE COLLECTIONS OF DARWIN TULIPS

Illustrated on Front Cover

By P.P.

6 Bulbs each 5 varieties, 30 bulbs .....	\$1.75	\$1.90
12 Bulbs each 5 varieties, 60 bulbs .....	3.25	3.45
25 Bulbs each 5 varieties, 125 bulbs .....	5.50	5.75
100 Bulbs each 5 varieties, 500 bulbs .....	21.00	

## DUTCH BREEDER TULIPS

A May-flowering type, similar to the Darwins, in their tall, strong growth, but an entirely different range of colors, running mostly in purple, bronze, terra-cotta and orange brown shades. They make a fine effect in hardy borders and when used as a cut flower last a long while in water.

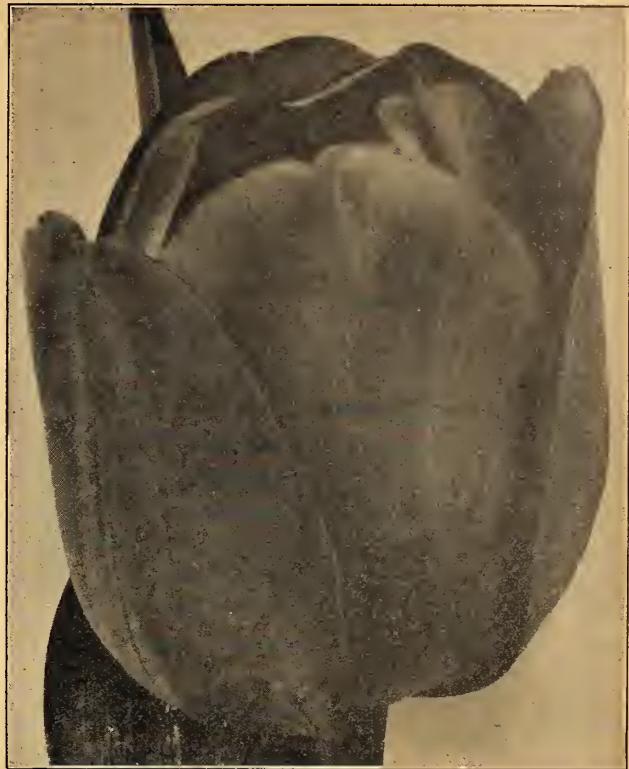
**Apricot.** G 26. Bronzy buff shaded apricot, base olive green. \$1.15 per doz.; per 100, \$7.50; \$70.00 per 1000.

**Aspasia.** G 24. Wine red, center white, shaded purple. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**Bacchus.** F 28. Dark violet, blue base, starred white. \$1.25 per doz.; per 100, \$9.50; \$90.00 per 1000.

**\*Bronze Queen (Clio).** G 28. Soft buff, inside tinged golden bronze. This variety may be forced. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**Cardinal Manning.** G. 28. Dull wine red, flushed rosy brown, changing to almost orange at edges of petals. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.



Dutch Breeder Tulip

## DUTCH BREEDER TULIPS—Continued

**\*Dom Pedro.** G 24. A beautiful shade of coffee brown, shaded maroon, inside rich mahogany; large and beautiful; can be forced. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

**Godet Parfait.** H 24. Bright purple violet, with white base and blue halo, very large flower. \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

**\*Jaune d'Oeuf.** H 23. Apricot, inside bronzy yellow; good for forcing or bedding. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**Louis XIV.** G 28. Dark purple, flushed bronze, with broad margin of golden brown; a unique variety of striking beauty. \$1.25 per doz.; per 100, \$8.50; \$80.00 per 1000.

**MacMahon (Turenne).** F 24. Purplish brown with broad margin of soft yellow; one of the largest of all. \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

**Madame Leithierry.** F 26. Deep rose pink flushed salmon, a unique color; a very distinct form. \$1.15 per doz.; per 100, \$7.50; \$70.00 per 1000.

**\*Panorama (Fairy).** F 24. Reddish mahogany with bronze shading; an extra large flower; good forcer. 80c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Prince of Orange.** G 24. Terra cotta brown shaded yellow, yellow base, starred black. \$1.25 per doz.; per 100, \$8.50; \$80.00 per 1000.

**St. James.** G 28. Chestnut brown flushed bronze, gold margin; flowers large. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

**Yellow Perfection.** F 24. Light bronze yellow, edged and shaded golden yellow; a large flower of fine form; can be forced. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

**Breeder Tulips Mixed.** A choice mixture of many varieties. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

## 4 MICHELL'S MAY-FLOWERING OR COTTAGE TULIPS

Nothing in horticulture has received so much comment in late years as the late-flowering tulips. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing in perennial border or planting in clumps they are ideal. They are also very desirable as cut flowers.

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F, G and H following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.

**Argo.** F 22. Golden yellow mottled red, passing to reddish brown; a very attractive variety. \$1.75 per doz.; per 100, \$12.00.

**Blue Flag (Double).** G 19. A very pretty shade of violet blue; very odd. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

**\*Fairy Queen.** G 20. Rosy lilac, broadly margined yellow, a unique and lovely color; flowers very large. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Gesneriana Lutea.** H 24. One of the best of the Gesneriana family; perfect shaped flowers of purest golden yellow. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**Gesneriana Spathulata.** G 24. A brilliant scarlet with blue-black center; one of the finest late varieties. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**Grenadier.** F 24. Brilliant orange red; a very effective variety. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*Inglescombe Pink.** F 24. Soft rosy pink, flushed salmon; a most attractive variety in form and coloring. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**Inglescombe Scarlet.** H 18. Brilliant vermillion with black center. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**\*Inglescombe Yellow.** F 20. Greatly resembles the Darwin's and is often called the "Yellow Darwin;" flowers are beautifully formed. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**John Ruskin.** G 18. Apricot rose with border of pale yellow; large. 80c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Lord Carnarvon.** F 24. White with large violet rose margin, intensifying to wine red; this variety belongs to the Triumph class. \$2.50 per doz.; per 100, \$18.00.

**Moonlight.** H 24. An exquisite shade of light canary yellow; flower long and of fine oval shape. 80c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*Mrs. Moon.** H 24. Large orange yellow; reflexed pointed petals; one of the most beautiful varieties. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

**Orange King.** G 24. Glistening deep orange, shaded rose, yellow center. 75c. per doz.; per 100, \$4.50; \$40.00 per 1000.

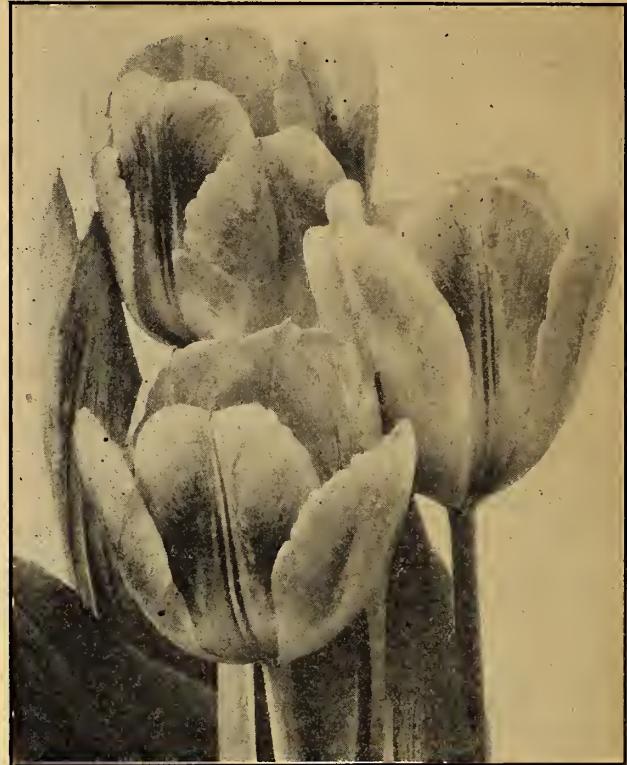
**\*Picotee (Maiden's Blush).** G 20. White with distinct pink edged border, which suffuses the flower as it ages. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**Sarah Bernhardt (Hobbema or Le Reve).** E 12. Exquisite soft rose shaded apricot; a delightful combination. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

**\*The Fawn.** G 20. Pale rose fawn, changing to blush rose; flowers very large and egg shaped. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**The Siren.** F 20. Beautiful cerise pink, margined pale pink with white base; a lily-flowering type. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

**May Flowering Tulips (Single).** A splendid mixture, covering almost every color and shade. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



May Flowering or Cottage Tulip

### REMBRANDT TULIPS

This type comprises a strain of variegated Darwin tulips frequently referred to as broken Darwins. They resemble the former with the exception of variation as to colors; they possess splendid decorative value. The stems average 18 to 22 inches in height. Rembrandt tulips cannot be forced.

	Doz.	100	1000
<b>Bougainville.</b> Amaranth blue, striped white.....		\$1.00	\$6.50
			\$60.00
<b>Red Prince.</b> Rose, flamed fiery scarlet....	1.00	6.50	60.00
<b>Salome.</b> Carmine rose with white markings.	1.00	6.50	60.00
<b>Semele.</b> White, heavily striped and feathered vivid rosy pink.....		1.00	6.50
			60.00

### TULIP, CLUSIANA

(Lady Tulip)

One of the prettiest and most attractive of the late botanical sorts. Flowers are long, narrow and pointed; color, pure white, flushed cherry-red, with violet base; excellent for forcing as well as for naturalizing. \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

# MICHELL'S SINGLE EARLY TULIPS

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The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A, B and C following the variety indicate their relative earliness to bloom, the A's being the earliest, followed by the B's and later by the C's. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.

## PINK VARIETIES

		Doz.	100	1000
* <b>Flamingo.</b>	12 B. Carmine rose shaded lighter	.85	\$5.50	\$50.00
* <b>Ibis.</b>	12 B. Bright carmine pink; very large	1.25	8.00	75.00
* <b>Pink Beauty.</b>	B 12. Pink, shaded white	1.75	11.00	100.00
* <b>Proserpine.</b>	A 12. Rosy carmine, white center	1.00	7.00	65.00
* <b>Prosperity.</b>	B 9. Delicate rosy pink	.85	5.50	50.00
* <b>Rose Luisante.</b>	C 10. Deep rose pink; large flowers	.90	6.00	55.00

## RED AND SCARLET VARIETIES

		Doz.	100	1000
<b>Artus.</b>	B 8. Deep scarlet; for bedding	.70	4.00	35.00
* <b>Belle Alliance.</b>	B 8. Brilliant scarlet	.80	5.50	50.00
* <b>Brilliant Star.</b>	A 12. Vermilion scarlet	1.00	6.50	60.00
* <b>Couleur de Cardinal.</b>	C 10. Bright scarlet	.90	6.00	55.00
* <b>Cramoisse Brilliant.</b>	C 10. Scarlet	.75	4.50	40.00
* <b>McKinley.</b>	A 10. Rose, shaded carmine	.90	6.00	55.00
* <b>Prince of Austria.</b>	B 12. Orange scarlet	.80	5.00	45.00
* <b>Vermilion Brilliant.</b>	B 10. Brilliant vermillion scarlet	.90	6.00	55.00

## VARIEGATED OR TWO COLOR VARIETIES

		Doz.	100	1000
<b>Duchess de Parma.</b>	B 10. Orange scarlet, yellow border; for bedding	.90	6.00	55.00
* <b>Fred Moore.</b>	B 12. Bright orange, shaded scarlet	.80	5.00	45.00
* <b>Keizerkroon.</b>	B 15. Brilliant red, gold border	1.25	8.50	80.00

## VIOLET OR BLUE VARIETIES

		Doz.	100	1000
<b>Wouverman.</b>	B 9. Purple violet	1.00	6.50	60.00

## WHITE VARIETIES

		Doz.	100	1000
* <b>Joost Van Vondel, White (Lady Boreel).</b>	B 12. A real exhibition variety	.90	6.00	55.00
* <b>La Reine.</b>	B 12. White, flushed faintly with pink	.70	4.00	35.00
* <b>White Hawk (Albion).</b>	A 12. Pure white	.85	5.50	50.00

## YELLOW VARIETIES

		Doz.	100	1000
* <b>Chrysolora.</b>	B 10. Golden yellow	.90	6.00	55.00
* <b>De Wet (Fireglow).</b>	B 15. Beautiful golden, flushed fiery orange scarlet	1.75	12.00	
* <b>Mon Tresor.</b>	A 10. Golden yellow	1.15	7.50	70.00
* <b>Primrose Queen (Herman Schlegel).</b>	B 10. Pale yellow	.80	5.00	45.00
* <b>Rising Sun.</b>	B 15. Rich golden yellow; flowers very large	1.15	7.50	70.00
* <b>Yellow Prince.</b>	B 10. Golden yellow	.90	6.00	55.00



Single Early Tulip

## SINGLE UNNAMED TULIPS (For Bedding Only)

These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties.

		Doz.	100	1000
<b>Pink,</b> in all shades		.65	\$4.00	\$35.00
<b>Red and Scarlet,</b> in all shades		.65	4.00	35.00
<b>White,</b> in all shades		.65	4.00	35.00
<b>Yellow,</b> in all shades		.65	4.00	35.00

## SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.

		Doz.	100	1000
<b>Superfine Quality,</b> all colors		.60	\$3.75	\$32.00

## PARROT OR DRAGON TULIPS

These belong to the late flowering class and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and in addition to other colors, combine shades of green.

		Doz.	100	1000
<b>Constantinople.</b> Dark red shaded and tipped with orange		.75	\$4.50	\$40.00
<b>Fantasy.</b> A sport from Clara Butt; flowers parrot shaped and of a beautiful true pink color; the outer sides of the petals marked apple green; long stems (\$1.00 each)	10.00	75.00		
<b>Lutea Major.</b> Bright yellow suffused scarlet		.75	4.50	40.00
<b>Markgraaf of Baden.</b> Large yellow, striped scarlet and green		.75	4.50	40.00
<b>Mixed Colors.</b> Carefully blended and contains only the choicest sorts		.70	4.00	35.00



Parrot or Dragon Tulip

# MICHELL'S DOUBLE EARLY TULIPS

The Double Tulips usually flower a few days later than the Single Early varieties. They are very popular for bedding and a number of the varieties are also excellent for forcing.

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A, B and C following the variety indicate their relative earliness to bloom, the A's being the earliest, followed by the B's and later by the C's. The figures indicate the normal height in inches.

If Tulip Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.

	Doz.	100	1000
*Azalea. B 12. Beautiful deep rose, flushed salmon; excellent for forcing.....	\$1.00	\$6.50	\$60.00
*Boule de Neige. B 10. Large pure white; resembles a Peony in form; excellent for bedding or forcing.....	.90	6.00	55.00
Couronne des Roses. C 12. Deep rose....	.90	6.00	55.00
Couronne d'Or. B 12. A handsome rich golden yellow variety.....	1.00	6.50	60.00
Electra. B 12. Rosy violet red.....	1.25	9.00	85.00
Imperator Rubrorum. B 10. Brilliant scarlet; for bedding.....	1.00	6.50	60.00
Lucretia. B 14. Rose feathered violet...	.80	5.00	45.00
*Mr. Van der Hoef (Yellow Murillo). A 10 Pure golden yellow, fine for forcing.....	1.00	7.00	65.00
*Murillo. B 10. A very large pink sort, suffused with white; one of the best forcers.....	.65	4.00	35.00
*Peach Blossom. B 12. Bright rose pink, flushed white.....	1.00	7.00	65.00
Rubra Maxima. B 10. Dazzling scarlet; good bedder.....	.85	5.50	50.00
*Salvator Rosa. B 10. Beautiful deep rose, flushed white; for forcing or bedding.....	.85	5.50	50.00
*Tea Rose. B 12. Sulphur, shading to orange; for bedding or forcing.....	.80	5.00	45.00
Toreador. A 10. Reddish bronze and orange; excellent for bedding.....	1.25	9.00	85.00
*Tournesol, Red and Yellow. B 8. For forcing and bedding.....	1.00	6.50	60.00
*Vuurbaak. B 12. Brilliant orange scarlet; for forcing or bedding.....	1.00	6.50	60.00

## DOUBLE UNNAMED TULIPS

(For Bedding Only)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered.

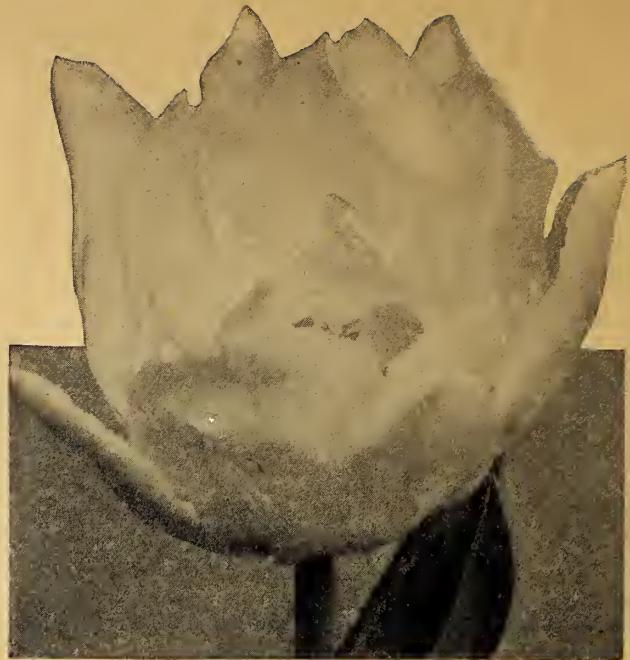
	Doz.	100	1000
Pink, in all shades.....	\$0.65	\$4.00	\$35.00
Red and Scarlet, in all shades.....	.65	4.00	35.00
White, in all shades.....	.65	4.00	35.00
Yellow, in all shades.....	.65	4.00	35.00

## EARLY DOUBLE MIXED TULIPS

These mixtures are carefully blended with the choicest varieties taken from the named sorts.

	Doz.	100	1000
Superfine Quality. All colors.....	\$0.60	\$3.75	\$33.00

Treat your Tulip Bulbs with Semesan before planting.



Double Early Tulip

## TESTIMONIAL

Quantico, Md.

Please send me one of your fall catalogs of bulbs. Our tulips grown from your bulbs are beautiful, they will be the cause of your selling lots of bulbs. Over 1000 people have admired ours and wanted to know where to get them.

J. M. Insley.

## NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS AT DISTANCES NOTED BELOW

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

### DISTANCES FOR PLANTING APART

Diam. of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
2 feet.....	61	37	19	...	...	...
3 ".....	127	95	37	...	24	19
4 ".....	217	127	61	37	24	19
5 ".....	331	225	91	69	37	25
6 ".....	469	271	127	78	52	37
7 ".....	631	410	169	96	71	48
8 ".....	817	469	217	127	85	61
9 ".....	1027	650	271	156	110	74
10 ".....	1261	721	331	190	127	91
11 ".....	1519	940	397	240	150	110
12 ".....	1801	1027	469	271	169	127
13 ".....	2107	1280	543	318	200	150
14 ".....	2437	1387	631	360	240	169
15 ".....	2791	1670	721	420	271	200
16 ".....	3169	1801	817	469	318	217
17 ".....	3571	2140	919	543	360	240
18 ".....	4037	2269	1027	590	390	271
19 ".....	4187	2640	1141	631	420	318
20 ".....	4961	2791	1261	721	469	331
21 ".....	5459	3210	1387	785	540	360
22 ".....	6981	3367	1519	817	590	397
23 ".....	7527	3870	1659	945	625	420
24 ".....	8097	4037	1801	1027	670	469
25 ".....	8691	4325	1951	1165	721	590

# MICHELL'S SUPERB NAMED HYACINTHS

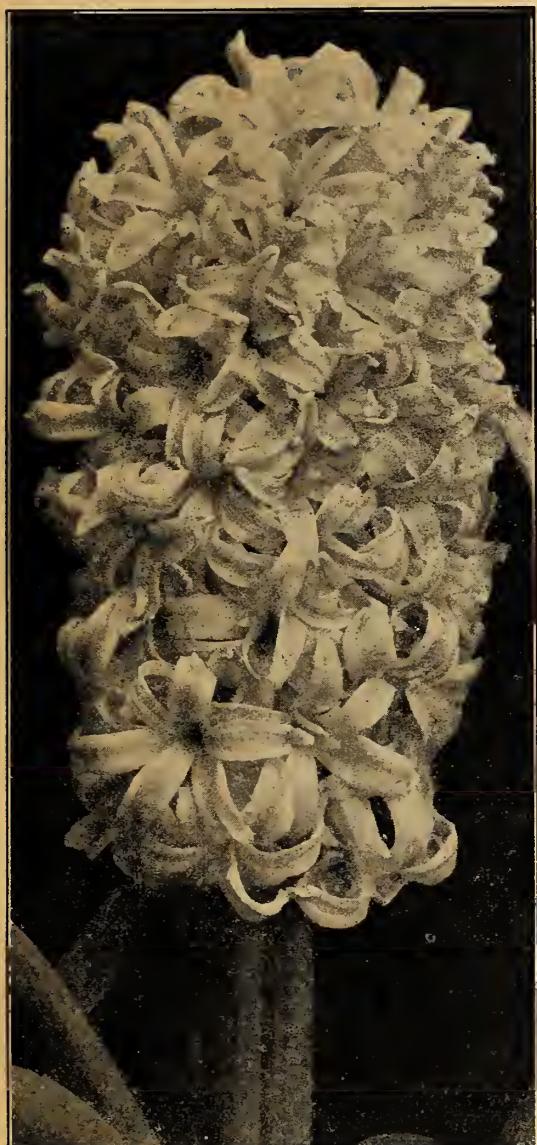
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**CULTURAL DIRECTIONS FOR HYACINTHS.**—**Outdoor Culture.** Plant in October and November in good, well-drained garden soil. Plant bulbs so that the top will be 3 or 4 inches below the surface and 6 to 8 inches apart. After the ground has frozen, cover with litter, leaves or manure, to protect them from frost; this should be removed in the spring when danger from hard frost is past.

**Pot Culture.**—Plant any time from September to December, using a 4 or 5 inch pot for single bulbs, or several bulbs may be planted in a larger pot or bulb pan. After planting, water well and place in a cool, dark, airy place until well rooted, after which remove to a cool room and later to a warmer room.

**Culture in Glasses.**—The single varieties are the best. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and place the glasses in a cool, dark place. Change the water occasionally. Keep in the dark until well rooted and then remove to a light, cool place.

For complete cultural notes, see "Michell's Bulb Growing Guide" sent free on request.



## EXHIBITION HYACINTHS

A selection of the largest possible bulbs to be obtained and will produce extra large, well filled spikes; we offer them in single varieties only.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
Gertrude. Deep rose.....			
Grand Maitre. Porcelain blue.....			
King of Blues. Deep blue.....			
King of Yellows. Orange yellow.....			
Lady Derby. Delicate pink.....			
La Grandesse. Snow white.....			
La Victoire. Bright scarlet.....	\$0.35	\$3.50	\$25.00
L'Innocence. Pure white.....			
Marconi. Rich rose pink.....			
Perle Brillante. Pale blue.....			
Queen of Pinks. Rose pink.....			
Queen of the Blues. Silvery blue.....			
Roi des Belges. Deep red.....			
Yellow Hammer. Pure yellow.....			

## SINGLE FIRST SIZE HYACINTHS

These are especially desirable for growing in pots or glasses, or for high grade bedding.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow.....			
Gertrude. Deep rose.....			
Gigantea. Flesh pink.....			
Grand Maitre. Bright porcelain blue.....			
King of Blues. Deep blue.....			
King of Yellows. Orange yellow.....			
Lady Derby. Delicate pink.....			
La Grandesse. Snow white.....	\$0.30	\$3.00	\$22.00
La Victoire. Bright scarlet.....			
L'Innocence. Pure white.....			
Marconi. Rich rose pink.....			
Moreno. Bright pink.....			
Perle Brillante. Pale blue.....			
Queen of Pinks. Rose pink.....			
Queen of the Blues. Silvery blue.....			
Roi des Belges. Deep red.....			
Yellow Hammer. Pure yellow.....			

## SINGLE SECOND SIZE HYACINTHS

For bedding, the second size named Hyacinths are ideal, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100 for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow.....			
Gertrude. Deep rose.....			
Gigantea. Flesh pink.....			
Grand Maitre. Bright porcelain blue.....			
King of Blues. Deep blue.....			
King of Yellows. Orange yellow.....			
Lady Derby. Delicate pink.....			
La Grandesse. Snow white.....	\$0.25	\$2.75	\$20.00
La Victoire. Bright scarlet.....			
L'Innocence. Pure white.....			
Marconi. Rich rose pink.....			
Moreno. Bright pink.....			
Perle Brillante. Pale blue.....			
Queen of Pinks. Rose pink.....			
Queen of the Blues. Silvery blue.....			
Roi des Belges. Deep red.....			
Yellow Hammer. Pure yellow.....			

## MICHELL'S COLLECTIONS OF SINGLE NAMED HYACINTHS

**Ideal Collection.** First size bulbs; for pots, or for growing in water. 1 each, 12 varieties, \$3.00 (by P. P., \$3.20).

**Window Garden Collection.** Second size bulbs; for growing in pots or in water. 1 each, 12 varieties, \$2.75 (by P. P., \$2.95).

**Bedding Collection.** Third size bulbs; excellent also for pots. 1 each, 12 varieties, \$2.00 (by P. P., \$2.15).

# MICHELL'S SUPERB HYACINTHS

## SINGLE THIRD SIZE HYACINTHS

These are excellent for high class bedding effects.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

		Each	Doz.	100
City of Haarlem.	Golden yellow			
Gertrude.	Deep rose			
Gigantea.	Flesh pink			
Grand Maitre.	Bright porcelain blue			
King of the Blues.	Deep blue			
Lady Derby.	Delicate pink			
La Grandesse.	Snow white	\$0.20	\$2.00	\$15.00
La Victoire.	Bright scarlet			
L'Innocence.	Pure white			
Perle Brillante.	Pale blue			
Queen of the Blues.	Silvery blue			
Queen of Pinks.	Rose pink			
Roi des Belges.	Deep red			

## DOUBLE FIRST SIZE HYACINTHS

If wanted by Parcel Post, add 20c. per doz. for postage.

		Each	Doz.	100
Blocksberg.	Light blue			
Bouquet Tendre.	Dark carmine			
Delicata.	Pale blue			
Garrick.	Blue, dark center	\$0.30	\$3.00	\$22.00
Lord Wellington.	Rich pink			
Prince of Waterloo.	Pure white			
Sunflower.	Pure yellow			



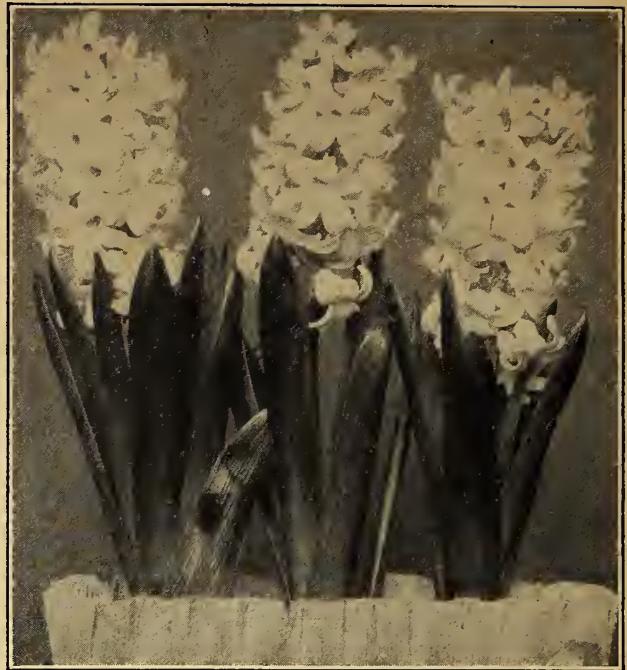
## FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession. They are very fragrant.

Easily grown in pots or pans; if bulbs are potted in September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large for six bulbs. They are not hardy and are not suitable for outdoor planting.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

		Each	Doz.	100
White.	Extra select, size 12-15 ctm.	\$0.25	\$2.50	\$16.00
"	Mammoth, 13-15 ctm.	.30	2.75	19.50
"	Monster, 14-15 ctm.	.35	3.25	23.50
Light Blue.		.12	1.25	9.00
Light Pink.		.12	1.25	9.00
White Italian		.20	1.75	12.00



Miniature or Dutch Roman Hyacinths

## MINIATURE OR DUTCH ROMAN HYACINTHS

Excellent for growing in pans, boxes or pots, blooming early and freely. Also fine for outdoor planting.

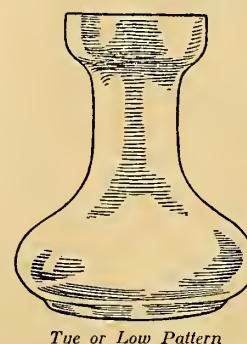
If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

		Each	Doz.	100
Gertrude.	Deep pink			
Gigantea.	Light pink			
Grand Maitre.	Bright blue			
King of the Blues.	Deep blue			
Lady Derby.	Delicate pink			
La Grandesse.	Snow white			
La Victoire.	Beautiful bright scarlet			
L'Innocence.	Pure white			
Queen of the Blues.	Silvery blue			
Roi des Belges.	Deep red			
Yellow Hammer.	Pure yellow			

### SPECIAL NOTE

We call the attention of our customers to the fact that bulbs of Miniature or Dutch Roman Hyacinths we offer are of large size; therefore, please do not compare our prices with those that may be offered in smaller sizes and at lower prices.

## HYACINTH GLASSES (Not Mailable)

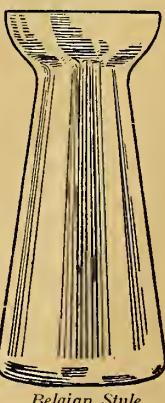


Tye or Low Pattern

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.

**Belgian.** In assorted colors. 40c. each; doz., \$4.00.

**Tye or Low Pattern.** Heavier than the above style. 40c. each; doz., \$4.00.

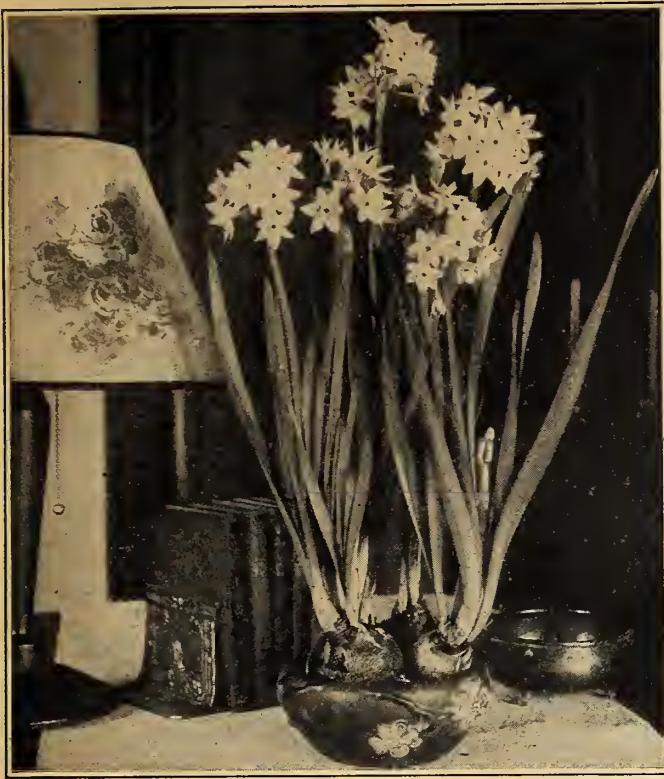


Belgian Style

# MICHELL'S SUPERB NARCISSUS

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If Narcissus Bulbs are wanted by Parcel Post, add 15c. per doz., 40c. per 100, for postage.



Paper White Grandiflora Narcissus Growing in Water

## POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They are excellent for growing in water and pebbles as well as in soil. The flowers are produced in clusters and are delightfully fragrant. Not suitable for outdoors.

**Paper White Grandiflora.** This is a pure white flowering sort, used extensively for forcing, as it can be brought into bloom in 8 weeks' time. Easily grown in pebbles and water.

	Each	Doz.	100
Selected Bulbs.....	\$0.12	\$1.25	\$ 9.00
Mammoth Bulbs.....	.15	1.50	10.00
Jumbo Bulbs.....	.20	1.75	12.00
Grand Soliel d'Or (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety.			
25c. each; doz., \$2.50; \$18.00 per 100.			

## CHINESE SACRED LILIES

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs and fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

	Each	Doz.	By P.P. 100
Mammoth Bulbs.....	\$0.25	\$2.25	\$2.50 \$15.00

## GOLDEN CHINESE LILY

Clusters of rich yellow flowers, with deep, orange red cup. Treat the same as the regular Chinese Lily. Very fragrant.

**Large Bulbs.** 25c. each; doz., \$2.50 (by P. P., \$2.65); \$18.00 per 100 (by P. P., \$18.40).

**Pebbles.** For Chinese Lilies and Narcissus. Carefully screened and selected. 10c. per qt.; pk., 75c.; \$2.50 per bu.; bbl. sack, \$5.00. (Pebbles cannot be mailed.)

**Pearl Chips.** For bulb bowls, etc. 20c. per lb. pkg.; \$1.10 for 6 pkgs.; 12 pkgs., \$2.00; 5 lb. pkg., 80c.; \$1.50 per 10 lb. pkg.

We can also supply bowls for growing bulbs in at various prices.



Narcissus, Poeticus Type

## NARCISSUS POETICUS POET'S OR PHEASANT EYE NARCISSUS

This is the old favorite type; excellent in the open border or naturalized in grass; perfectly hardy and once planted take care of themselves.

**Poeticus, Orange Cup.** Creamy white, cups orange. 30c. each; doz., \$2.75; \$20.00 per 100.

**Poeticus Ornatus.** A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; flowers pure white, saffron cup margined scarlet; valuable for forcing and cutting.

	Each	Doz.	100	1000
First Size Bulbs.....		\$0.10	\$1.00	\$6.50
Mammoth Bulbs.....		.12	1.25	8.50

## NARCISSUS POETAZ CLUSTER FLOWERED NARCISSUS

This variety is a cross between the old Poeticus and the Polyanthus varieties; they are hardy, free-flowering and fragrant. They are excellent for house culture as well as for the garden border.

**Admiration.** Pale yellow, cups edged scarlet. Large bulbs, 35c. each; doz., \$3.50; \$25.00 per 100.

**Elvira.** The blooms, which are pure white of remarkable substance with delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. Large bulbs, 20c. each; doz., \$2.00; \$14.00 per 100.

**Laurens Koster.** Perianth pure white, with orange yellow cup; much admired on account of the large size of the flowers. Large bulbs, 25c. each; doz., \$2.25; \$15.00 per 100.

## SWEET SCENTED JONQUILS

Much prized for their fragrant flowers; perfectly hardy in gardens or naturalized; also well adapted to indoor culture in pots or pans.

**Campnuelle Rugulosus.** Single yellow; larger than the plain Campnuelle. 12c. each; doz., \$1.25; \$8.50 per 100; per 1000, \$80.00.

**Single.** Rich yellow; very fragrant. 10c. each; doz., \$1.15; \$7.50 per 100; per 1000, \$70.00.

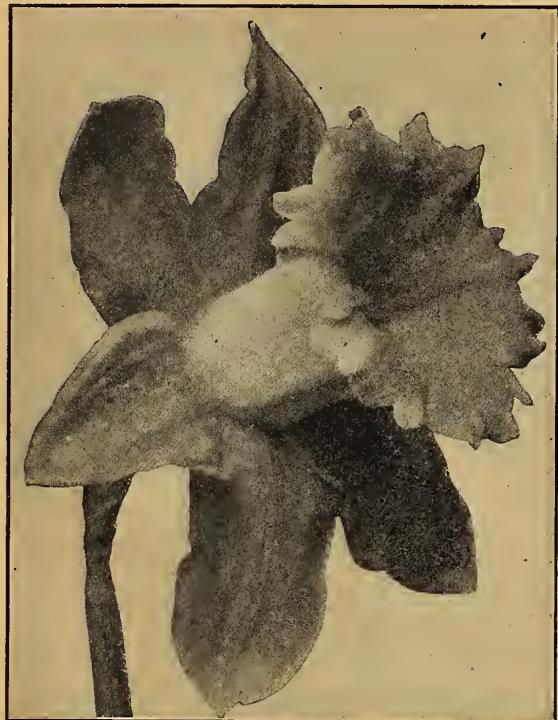
**Double.** (*Odorus Plenus*). Flowers very double; deep golden-yellow; height 12 inches. 12c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

## MICHELL'S SUPERB NARCISSUS OR DAFFODILS

## AMERICAN GROWN

No garden is complete without the Narcissus or Daffodil, being among the most beautiful and fragrant of our hardy Spring flowering bulbs, doing well in almost all soils and situations, for naturalizing, planting among shrubbery and in formal beds. For house or greenhouse culture they are equally desirable, planted in pots or pans.

**Culture.**—Owing to the various sizes of the bulbs of different varieties, we cannot advisably give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house culture 3 or 4 bulbs can be put in a 5-inch or 6-inch pan or pot and given the same treatment as Hyacinths.



*Narcissus. King Alfred*

## GIANT TRUMPET VARIETIES

This class of Narcissus is distinguished for long petals or perianth and very large trumpets. The figures prefixed before the variety denotes the height.

If wanted by Parcel Post, add 15c. per doz., 40c. per 100, for postage.

## NEW INTRODUCTIONS

18 **Admiral Tromp.** White perianth, yellow trumpet; flowers large. 40c. each; doz., \$3.75; \$28.00 per 100.

18 **Aeolus.** Snow white perianth, large yellow trumpet, beautifully frilled and recurved brim. 65c. each; doz., \$6.50; \$50.00 per 100.

20 **Emerson.** Light yellow perianth, rich yellow trumpet with frilled edge; long stemmed; forces well. 80c. each; doz., \$8.50; \$65.00 per 100.

20 **Fair Bostonian.** A giant trumpet, extra white perianth and of good substance, large yellow trumpet. 60c. each; doz., \$6.25; \$45.00 per 100.

18 **Ibanez.** Broad white perianth, deep yellow trumpet; a fine variety for growing in pans. 40c. each; doz., \$3.75; \$28.00 per 100.

18 **Prince of Wales.** Light yellow perianth and trumpet; bold and free-flowering; long stems. 75c. each; doz., \$7.50; \$55.00 per 100.

In offering these bulbs, we are pleased to advise our customers that we have contracted with the best growers in this country for our stock, especial care having been given to quality and grading and we are confident that the stock we offer will be of the very best procurable. In view of the limited quantity available, we advise early ordering, to assure delivery of varieties and quantities desired.

18 **Bicolor Victoria.** Trumpet golden yellow; perianth creamy white; early.

	Each	Doz.	100
<b>First Size Bulbs</b>	\$0.20	\$2.00	\$13.00
<b>Monster Bulbs</b>	.25	2.50	16.00

16 **Cervantes.** A fine variety; very early; excellent for forcing; pale yellow trumpet.....

.25	2.50	16.00
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18 **Emperor.** One of the best Narcissus in cultivation, for either outdoor or indoor culture. Pale yellow trumpet, primrose perianth.

<b>First Size Bulbs</b>	.20	2.00	13.00
<b>Monster Bulbs</b>	.25	2.50	16.00

18 **Empress.** This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive.

<b>First Size Bulbs</b>	.20	2.00	13.00
<b>Monster Bulbs</b>	.25	2.50	16.00

15 **Giant Princeps.** Extensively used for naturalizing; one of the best forcing sorts, being very early; perianth sulphur white, trumpet rich yellow. Large, double-nosed bulbs. 20c. each; doz., \$2.00; \$13.00 per 100.

18 **Glory of Sassenheim.** Beautiful large bicolor; perianth white, trumpet golden yellow; very early forcer; monster bulbs. 25c. each; doz., \$2.50; \$16.00 per 100.

18 **Golden Spur.** Unusually good for garden culture or forcing; very early and blooms freely; pure golden yellow.

	Each	Doz.	100
<b>First Size Bulbs</b>	\$0.20	\$2.00	\$13.00
<b>Monster Bulbs</b>	.25	2.50	16.00

18 **King Alfred.** Intense golden yellow; trumpet large and open with a deep frilled edge; monster bulbs. 35c. each; doz., \$3.50; \$25.00 per 100.

18 **Minister Thalma.** Large open trumpet deeply frilled and flanged at brim; bright yellow. 30c. each; doz., \$2.75; \$18.00 per 100.

18 **Miss Ellen Terry.** White perianth, giant yellow trumpet. 30c. each; doz., \$2.75; \$18.00 per 100.

20 **Olympia.** Flowers large; both trumpet and perianth yellow; fine for forcing; monster bulbs. 35c. each; doz., \$3.50; \$25.00 per 100.

20 **Robert Sydenham.** Beautiful large sulphur yellow, wide open trumpet, with deeply frilled brim. 45c. each; doz., \$4.75; \$35.00 per 100.

20 **Sir Francis Drake.** Clear yellow, large, early; a long stemmed cut flower variety. 35c. each; doz., \$3.75; \$28.00 per 100.

16 **Spring Glory.** An extra fine variety; pure white perianth, with a golden yellow trumpet; very early and free flowering. 30c. each; doz., \$2.75; \$18.00 per 100.

17 **Tresserve.** Large yellow trumpet, pale yellow perianth. 40c. each; doz., \$4.00; \$30.00 per 100.

15 **Trumpet Major (Spurious).** One of the best varieties; trumpet and perianth deep golden yellow; very early. For outdoors and forcing. 10c. each; doz., \$1.00; \$7.00 per 100.

16 **Van Waveren's Giant.** Claimed to be the largest of all Narcissus; perianth soft primrose yellow, with large, bright yellow trumpet; either for growing in pots or in the garden. 40c. each; doz., \$4.00; \$30.00 per 100.

# MICHELL'S BULBS



## NARCISSUS

### 1—VAN WAVEREN'S GIANT

Monster bulbs, 40c each;  
doz., \$4.00; \$30.00 per 100

### 2—KING ALFRED

Monster bulbs, 35c each;  
doz., \$3.50; \$25.00 per 100

### 3—EMPEROR

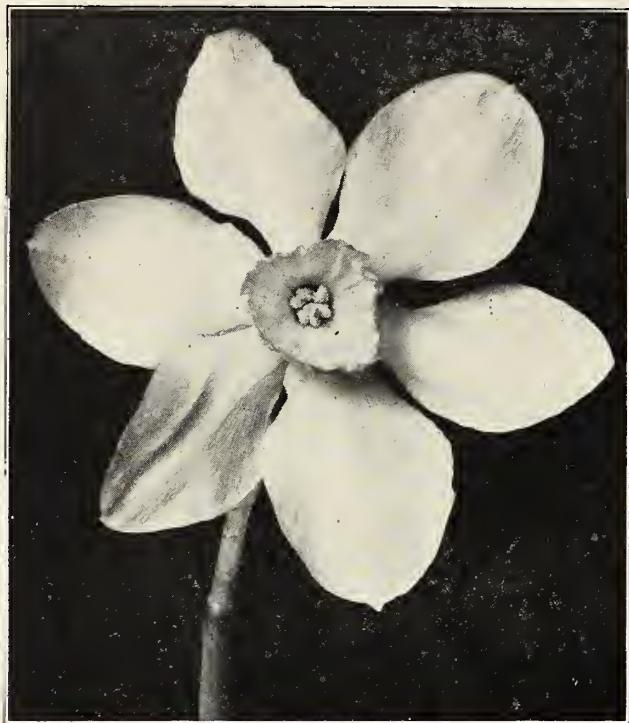
Monster bulbs, 25c each;  
doz., \$2.50; \$16.00 per 100

If wanted by Parcel Post, add 15c  
per doz., 40c per 100, for postage

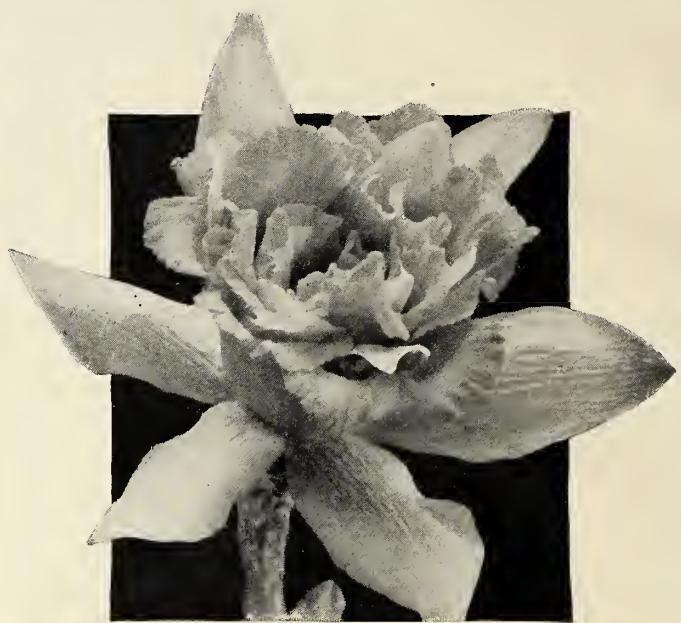
See bulb section of this catalog for  
other offerings of *Narcissus*

# MICHELL'S SUPERB NARCISSUS or DAFFODILS

If Narcissus Bulbs are wanted by Parcel Post, add 15c. per doz., 40c. per 100, for postage.



*Narcissus, Sir Watkin*



*Double Narcissus, Von Sion*

## DOUBLE NARCISSUS

The double-flowering Narcissus are perfectly hardy, very popular and well adapted to outdoor planting. Most of the varieties are also excellent for house and conservatory growing in pots or pans.

**Alba Plena Odorata.** A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils and is not desirable for forcing; height about 15 inches. 20c. each; doz., \$2.00; \$14.00 per 100.

**Incomparable Double.** On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." Color, yellow with orange center, attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 20c. each; doz., \$1.75; \$13.00 per 100.

**Orange Phoenix.** This is sometimes called "Eggs and Bacon." Light yellow, almost white, with an orange yellow center. Splendid for pot culture. Height, 16 inches. 25c. each; doz., \$2.50; \$16.00 per 100.

**Primrose Phoenix.** Large rose-shaped flowers of a beautiful primrose yellow shade. 30c. each; doz., \$3.00; \$22.00 per 100.

**Sulphur, or Silver Phoenix.** Flowers very large; bluish-white, sulphur colored center; excellent for forcing or outdoor planting.

Height about 18 inches. 25c. each; doz., \$2.50; \$16.00 per 100.

**Von Sion (Tetronianus Plenus).** The true double daffodil. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing.

	Each	Doz.	100
First Size Bulbs.....	\$0.20	\$1.75	\$13.00
Monster Bulbs.....	.25	2.50	16.00

## MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS

	Qt.	4 qts.	Pk.	Bu.	Bbl.
Charcoal (Lump).....	\$0.10	\$0.35	\$0.65	\$1.50	\$2.00
Leaf Mould.....	.10	.30	.50	1.50	3.25
Pearl Chips. Per lb., 20c.; 80c. per 5 lbs.; 10 lbs., \$1.50.	.10	.40	.75	2.50	5.00
Pebbles.....	.10	.25	.40	1.40	3.00
Potting Sand.....	.10	.25	.40	1.50	3.25
Prepared Potting Soil.....	Each	Doz.	100		
6 inch Bulb Pans.....	\$0.09	\$0.98	\$ 7.29		
7 inch Bulb Pans.....	.15	1.62	12.15		
4 inch Pots.....	.04	.36	2.70		
Hyacinth Glasses.....	.40	4.00			



Lilium Auratum

**Cultural Directions.**—All Hardy Lilies should be planted from 6 to 8 inches deep, the Japan varieties even 12 inches deep; the bulbs should be completely enveloped in sand; no manure should come in contact with the bulbs, but may be placed 4 to 6 inches underneath. All loose petaled bulbs should be planted on their side instead of upright. Cover with leaves or litter during winter. Hardy Lilies are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lilies.

If Lily Bulbs are wanted by Parcel Post, add 25c. per doz. for postage.

## JAPANESE LILIES

**Auratum** (*Golden Banded Lily*). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

Each Doz. 100  
 Large Bulbs, 8 to 9 inch circum. .... \$0.40 \$3.50 \$25.00  
 Mammoth Bulbs, 9 to 11 inch circum. .... .50 5.00 38.00  
 Monster Bulbs, 11 to 13 inch circum. .... .60 6.50 47.50

**Speciosum Album.** The best late flowering pure white hardy garden lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms.

Each Doz. 100  
 Large Bulbs, 8 to 9 inch circum. .... \$0.65 \$6.50 \$50.00  
 Mammoth Bulbs, 9 to 11 inch circum. .... .95 9.75 75.00  
 Monster Bulbs, 10 to 12 inch circum. .... 1.50 14.50 110.00

**Speciosum Magnificum.** An enormous flower; rich deep pink spotted crimson; height, 3 feet; flowers in August.

Each Doz. 100  
 Large Bulbs, 8 to 9 inch circum. .... \$0.40 \$3.50 \$25.00  
 Mammoth Bulbs, 9 to 11 inch circum. .... .50 5.00 38.00  
 Monster Bulbs, 11 to 13 inch circum. .... .60 6.50 47.50

**Speciosum Melpomene.** Deep pink, spotted red.

Each Doz. 100  
 Large Bulbs, 8 to 9 inch circum. .... \$0.40 \$3.50 \$25.00  
 Mammoth Bulbs, 9 to 11 inch circum. .... .50 5.00 38.00  
 Monster Bulbs, 11 to 13 inch circum. .... .60 6.50 47.50

**Speciosum Rubrum or Roseum.** Delicate pink, almost white, spotted red; one of the old garden favorites; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	\$0.40	\$3.50	\$25.00
Mammoth Bulbs, 9 to 11 inch circum.	.50	5.00	38.00
Monster Bulbs, 11 to 13 inch circum.	.60	6.50	47.50
<b>Tigrinum Splendens</b> ( <i>Tiger Lily</i> ). Orange, spotted black; double.	.30	3.25	22.50
<b>Tigrinum Splendens</b> . Single.	.30	3.25	22.50

## MISCELLANEOUS JAPANESE LILIES

	Each	Doz.	100
<b>Batemanni.</b> Apricot colored; 3 feet; July.	\$0.45	\$4.00	\$30.00
<b>Brownii.</b> White inside, outside brown.	.80	8.00	62.50
<b>Hansoni.</b> Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster.	.75	7.50	58.00
<b>Henryi</b> ( <i>Yellow Speciosum Lily</i> ). Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion.	.75	7.50	58.00
<b>Kramerii.</b> Blush pink; 3 feet; August.	.50	4.50	35.00
<b>Macranthum.</b> Giant Golden Banded Lily.	.60	6.00	47.50
<b>Wittei.</b> Very fragrant; white, yellow band.	.90	9.00	70.00

## AMERICAN OR NATIVE LILIES

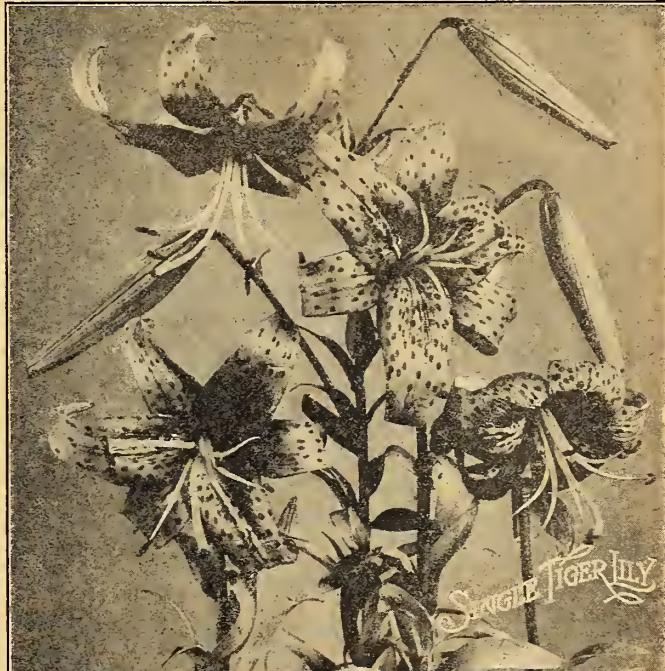
	Each	Doz.	100
<b>Canadense</b> ( <i>Canadian Bellflower Lily</i> ). Bright yellow flowers, spotted black inside; June and July; 2 feet.	\$0.25	\$2.50	\$17.50
<b>Canadense Rubrum.</b> Same type as above; crimson with black spots.	.40	3.75	27.50
<b>Davuricum.</b> Upright scarlet flowers.	.40	3.50	25.00
<b>Elegans Mixed.</b> Shades of orange.	.30	2.50	15.00
<b>Elegans, Leonard Joerg.</b> Rich apricot pink.	.40	3.50	25.00
<b>Pardalinum.</b> Orange, spotted crimson.	.35	3.50	25.00
<b>Superbum</b> ( <i>Turk's Cap Lily</i> ). Grows from 3 to 6 feet high and produces from 15 to 25 orange red flowers on a stalk.	.30	3.25	22.50
<b>Wallacei.</b> Bright apricot.	.35	3.50	25.00

## TESTIMONIAL

Newark, N. J.

I bought some Lily bulbs from you last fall; have just had one Japanese (Golden Banded) lily in bloom and the plant had 8 blossoms on it, each about 10 inches in diameter.

A. Kemp.



# MICHELL'S SUPERB LILY BULBS

## MICHELL'S EASTER LILY BULBS

### For Indoor Culture

**Cultural Note.**—In order to obtain best results, attention to the following directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. Thorough rooting is the most essential point.

### LILIUM HARRISII

(The Bermuda Easter Lily)

	Each	Doz.	By P.P.	100
6 to 7 inches circum	\$0.30	\$3.00	\$3.15	\$20.00
7 to 9 inches circum	.45	4.50	4.70	30.00
9 to 11 inches circum	.75	8.00	8.25	60.00
11 to 13 inches circum	1.50	14.00	14.30	110.00

### LILIUM FORMOSUM

(The Formosa Easter Lily)

Dark Stemmed, Erabu Type

Similar to the Bermuda Lily, but blooms earlier.

	Each	Doz.	By P.P.	100
7 to 9 inches circum	\$0.40	\$4.00	\$4.15	\$30.00
8 to 10 inches circum	.50	5.00	5.20	37.50
9 to 10 inches circum	.60	6.00	6.25	45.00
10 to 12 inches circum	1.00	10.00	10.30	75.00

### LILIUM LONGIFLORUM GIGANTEUM

(True)

	Each	Doz.	By P.P.	100
7 to 9 inches circum	\$0.40	\$4.00	\$4.15	\$30.00
8 to 10 inches circum	.50	5.00	5.20	37.50
9 to 10 inches circum	.60	6.00	6.25	45.00
10 to 12 inches circum	1.00	10.00	10.30	75.00



Lilium Giganteum

### LILIUM SINENSIS

A new variety of proven merit, requiring similar treatment to the Harrisii; should not be subjected to either extreme heat or cold. Large flowers of heavy texture; deep glossy foliage; grows fairly tall.

	Each	Doz.	By P.P.	100
7 to 9 inches circum	\$0.60	\$6.00	\$6.15	\$45.00
8 to 10 inches circum	.75	7.50	7.70	57.50
9 to 10 inches circum	1.00	10.00	10.25	75.00



Lilium Candidum

### LILIUM CANDIDUM

(Madonna Lily)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems, bearing anywhere from 10 to 30 blooms of good size and substance, and delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	By P.P.	100
Selected Bulbs	\$0.25	\$2.50	\$2.65	\$18.00
Mammoth Bulbs	.35	3.50	3.75	25.00
Monster Bulbs	.40	4.00	4.35	30.00
Jumbo Bulbs, extra large	.50	5.50	5.90	40.00

### REGALE LILY

(*Lilium Myriophyllum*)

### QUEEN OF THE LILIES

For complete description, see color plate opposite.

	Each	Doz.	By P.P.	100
Large selected bulbs	\$0.60	\$6.50	\$6.75	\$50.00
Extra selected mammoth bulbs	1.00	11.00	11.25	87.50

# LILIUM REGALE or MYRIOPHYLLUM

## Queen of the Lilies

Royal

Lily

of

China

Unsurpassed

for

its

fragrance



ONE OF THE finest garden Lilies introduced; perfectly hardy, thriving well in any good garden soil and should find a place in every garden. A vigorous grower with sturdy stems, three to five feet high, densely covered with long lanceolate foliage, and crowned with an abundance of blooms, the number depending upon size of bulbs planted. Produces large, beautiful flowers, the center of which is flushed bright golden yellow, shading off to creamy white at outer edges; externally the flowers are streaked with brown, shading through the almost translucent petals with a delightful pearly tint, making an extraordinary beautiful contrast; the flowers last for many days after being cut. Should be planted in Fall or early Spring, eight to nine inches deep; commences flowering in July.

Lilium Regale has also been used for forcing with fairly good results and if properly handled can be grown in any good greenhouse soil, the same as is used for *Lilium Giganteum*. When potted up it is suggested that they be placed on top of bench, as being a stem-rooting variety it is necessary that top and root action start together, keeping them well watered and started in a temperature of 52/58 degrees. Feed from time to time with bone meal or liquid manure, gradually increasing the heat to 65/75 degrees, to produce firm flowers, allowing about ninety days time to bring into bloom. For forcing it is recommended that only larger sizes of bulbs be used, such tests having been made and fairly good results obtained.

The stock we offer has been grown and produced under ideal conditions, and all bulbs supplied are of the best quality.

	Each	Doz.	By P.P.	100
Large selected bulbs . . . . .	\$ 0.60	\$ 6.50	\$ 6.75	\$ 50.00
Extra selected mammoth bulbs . . . . .	1.00	11.00	11.25	87.50

**AMARYLLIS (Ready in October)**

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

**Cultural Directions.**—When bulbs are received they should be placed where they will always be slightly moist and warm. Do not pot up the bulbs until the flower buds appear; when first potted, give very little water and promote growth by giving moderate bottom heat; increase the supply of water as the plants grow.

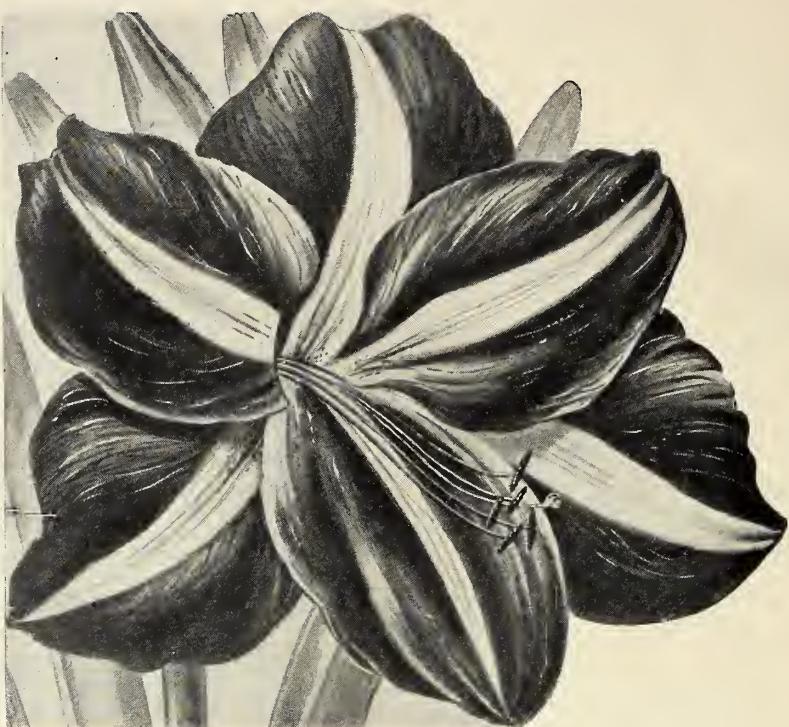
**Belladonna.** Clusters of bright pink flowers during late summer and fall. 35c. each; doz., \$3.50 (by P. P., \$3.65); \$25.00 per 100.

**Formosissima.** Brilliant crimson. 75c. each; doz., \$8.00 (by P. P., \$8.15); \$62.50 per 100.

**Hippeastrum Equestre.** Large flowers of a brilliant orange scarlet with white throat. 50c. each; doz., \$5.00 (by P. P., \$5.25); \$38.00 per 100.

**Giant American Hybrids.** The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers as well as in the diversity of colors and markings all former hybrids; flowers striped and flaked. 75c. each; doz., \$7.50 (by P. P., \$7.85); \$60.00 per 100.

**Hallii (*Lycoris Squamigera*).** A perfectly hardy variety, bearing during July and August, beautiful lilac pink flowers. 75c. each; doz., \$8.00 (by P. P., \$8.25); \$62.50 per 100.

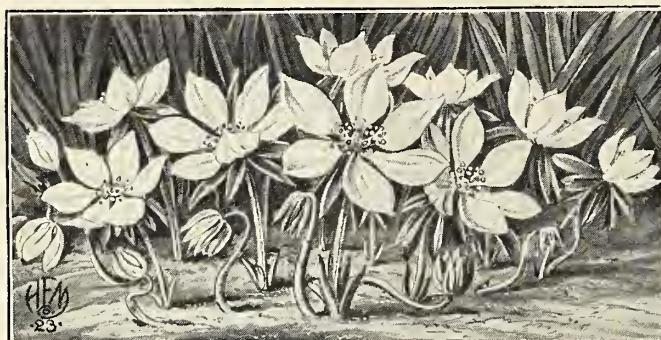


*Amaryllis, Giant American Hybrids*

**TESTIMONIALS**

Davenport, Iowa.  
Received the bulbs in the very best condition. I thank you.  
Mrs. H. F. Peters.

Norwalk, Conn.  
I received the bulbs in good order this A. M.; thank you.  
Joseph A. Guthrie.



*Aconite*

**ACONITE, WINTER (Eranthis Hyemalis)**

A very early spring flowering bulb, producing golden yellow flowers. Prefers a moist, shady location; perfectly hardy; height about 6 inches. 40c. per doz.; per 100, \$2.50 (by P. P., \$2.65); \$20.00 per 1000.

**ANEMONE (Windflower)**

For brilliancy of color and profusion of bloom, none of the Spring flowers surpass the Anemone; they are an excellent decorative plant for house or garden. The foliage is most attractive and above all the plant is crowned with long stemmed beautiful flowers in many colors and shades. If planted outdoors in the Fall, they must be well protected with leaves or other litter. They are also well adapted for pot culture.

**DeCaen.** Single French varieties in mixed colors. 75c. per doz.; per 100, \$5.00 (by parcel post, \$5.15); \$45.00 per 1000.

**St. Brigid.** A greatly improved form with immense semi-double and double flowers in many colors. \$1.00 per doz.; per 100, \$6.75 (by parcel post, \$6.90); \$62.50 per 1000.



*Anemone, St. Brigid*

**Treat your bulbs before planting with Semesan, for best results.**



Single Tuberous Rooted Begonia

If wanted by Parcel Post add 10c. per doz., 25c. per 100 for postage. Single bulbs mailed free.

## BEGONIAS

(Tuberous Rooted)

### Ready in January

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then.



White Calla

### SINGLE BEGONIAS

Large Bulbs

	Each	Doz.	100		Each	Doz.	100
Crimson....	\$0.25	\$2.75	\$18.00	Scarlet....	\$0.25	\$2.75	\$18.00
Orange....	.25	2.75	18.00	White.....	.25	2.75	18.00
Pink and				Yellow....	.25	2.75	18.00
Rose....	.25	2.75	18.00	Mixed.....	.25	2.75	18.00
Salmon....	.25	2.75	18.00				

### DOUBLE BEGONIAS

Large Bulbs

	Each	Doz.	100		Each	Doz.	100
Orange....	\$0.30	\$3.00	\$20.00	Scarlet....	\$0.30	\$3.00	\$20.00
Pink and				White.....	.30	3.00	20.00
Rose....	.30	3.00	20.00	Yellow....	.30	3.00	20.00
Salmon....	.30	3.00	20.00	Mixed.....	.30	3.00	20.00

### BEGONIA, CRISPA

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange....	\$0.35	\$3.25	\$22.00	Salmon....	\$0.35	\$3.25	\$22.00
Pink and				Scarlet....	.35	3.25	22.00
Rose....	.35	3.25	22.00	White....	.30	3.25	22.00

Mixed..... .30 3.25 22.00



Chionodoxa

### GODFREY DWARF EVERBLOOMING CALLA

This is a great improvement over the ordinary White Calla, being of freer growth and more floriferous; flowers are of purer white and delicately scented.

**First size bulbs.** 25c. each; doz., \$2.50 (by P. P., \$2.65); \$18.00 per 100.

**Mammoth bulbs.** 40c. each; doz., \$4.00; (by P. P., \$4.15) \$30.00 per 100.

**Monster Bulbs.** 50c. each; doz., \$5.00 (by P. P., \$5.20); \$38.00 per 100.

**Jumbo Bulbs.** 60c. each; doz., \$6.00 (by P. P., \$6.20); \$45.00 per 100.

### CHIONODOXA (Glory of the Snow)

(Ready in September)

One of the first flowers to appear in the spring. Used for edging or for planting in masses.

If wanted by Parcel Post, add 15c. per 100, for postage.

Doz. 100 1000

Luciliae. Bright blue with white center.... \$0.60 \$3.50 \$27.50

Sardensis. Very deep blue with white center..... .65 3.75 30.00



Michell's Giant Crocus

**CROCUS**

One of the earliest flowers to bloom in spring; most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective.

An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot, this gives a very pretty effect.

The Giant Flowering varieties are also splendid for flowering in pots, but too severe forcing must not be attempted.

If wanted by Parcel Post, add 15c. per 100, for postage.

**GIANT NAMED CROCUS**

The bulbs of these varieties are very large and each bulb is capable of producing several flowers of large size.

	Doz.	100	1000
Baron Von Brunow.	Deep blue.....	\$0.50	\$3.50
Cloth of Gold.	Rich yellow, brown veins.	.50	3.50
Cloth of Silver.	Silvery white, striped blue.	.50	3.50
King of the Blues.	Purple.....	.50	3.50
Mont Blanc.	Pure white.....	.50	3.50
Purpurea Grandiflora.	Rich purple.....	.50	3.50
Sir Walter Scott.	White, striped lilac.....	.50	3.50
Giant Named Mixed.....		.50	3.50

**MIXED CROCUS IN SEPARATE COLORS**

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

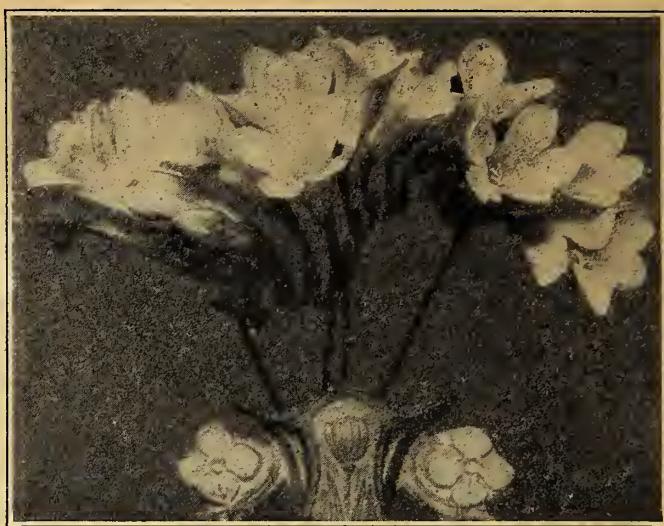
	Doz.	100	1000
Blue and Purple.....	\$0.40	\$2.75	\$22.00
Striped.....	.40	2.75	22.00
White.....	.40	2.75	22.00
Yellow.....	.70	4.00	34.00
Yellow. Mammoth size.....	.75	4.50	40.00
Yellow. Giant size.....	.80	5.00	45.00
Mixed. All colors.....	.40	2.75	22.00

**AUTUMN FLOWERING CROCUS***(Colchicum Autumnale)*

This variety will bloom without soil or water by placing in the sun in a dish or saucer; lavender colored flowers. 50c. each; per doz., \$5.25; \$40.00 per 100.

**DIELYTRA or DICENTRA***(Bleeding Heart or Seal Flower)*

*Spectabilis.* A most satisfactory plant for the hardy border, especially when it can be planted in the shade. Its long sprays of graceful heart-shaped flowers are always attractive. 2 for \$1.00 (by parcel post, \$1.20); \$5.00 per doz. (by parcel post, \$5.50).



Purity Freesia

**FREESIA "PURITY"**

This grand type supersedes all the old varieties of Freesias. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 to 4 flower stems.

If wanted by Parcel Post, add 10c. per 100, for postage.

	Doz.	100	1000
First Size Bulbs.....		\$0.40	\$2.00
Mammoth Size Bulbs.....		.50	3.50
Monster Size Bulbs.....		.80	5.00
Jumbo Bulbs.....		1.00	7.00

**FREESIA, FISCHERII**

An extra large pure white variety, of branching habit; strong grower..... .90 6.50 60.00

**COLORED FREESIAS**

The colored Freesias are becoming very popular on account of their unique colorings and shadings.

	Doz.	100	1000
California. Bright golden yellow.			
Selected bulbs.....		\$0.90	\$6.50
Mammoth bulbs.....		1.15	7.50
Carmencita. Orange salmon, buff shading on lower petals.			
Selected bulbs.....		.90	6.50
Carrie Budau. Lavender pink.			
Selected bulbs.....		.90	6.50
Mammoth bulbs.....		1.15	7.50
General Pershing. Bronzy pink.			
Selected bulbs.....		.80	5.00
Mammoth bulbs.....		.85	6.00
Golden Daffodil. A pleasing shade of golden yellow with bright orange blotch on lower lip.			
Mammoth bulbs.....		2.00	15.00
Golden Treasure. Light yellow with lavender marking on center of each petal; flowers very large.			
Mammoth bulbs.....		2.00	15.00
June Michelsen. Deep rose pink, with white throat, lower petals veined crimson.			
Selected bulbs.....		1.15	7.50
Mendota. A new giant yellow variety.			
Selected bulbs.....		1.25	8.00
Mrs. Marc Peters. Deep rosy salmon, blotted golden yellow; early.			
Selected bulbs.....		1.15	7.50
Olivette. Carmine red with yellow throat.			
Selected bulbs.....		.90	6.50
Splendens. Lavender. Selected bulbs.....		.85	5.50
Yellow Prince. Deep yellow; fine forcing variety.			
Selected bulbs.....		.85	6.00
Mammoth bulbs.....		.90	6.50
Rainbow Mixture. Selected bulbs.....		.65	3.75



*Fritillaria*

## FRITILLARIA IMPERIALIS

(Crown Imperial)

A majestic plant, producing early in spring, stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. Ideal for planting in hardy borders.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100	1000
Aurora. Orange red.....	\$0.35	\$3.50	\$25.00	
Crown upon Crown. Orange red.....	.35	3.50	25.00	
Lutea. Yellow.....	.35	3.50	25.00	
Mixed Colors.....	.30	3.00	22.00	

## FRITILLARIA MELEAGRIS

Dwarf spring flowering plants, with large pendant bell-shaped flowers. Excellent for pot culture and valuable for large groups in the garden border.

Very Fine Mixed. 80c. per doz.; per 100, \$6.00; \$55.00 per 1000.

## GLADIOLUS (For Forcing)

### BABY OR COLVILLEI TYPE (Ready in October)

These are Winter flowering strains of slender growth with beautiful orchid-like flowers, which are ideal for growing in the greenhouse or conservatory.

If wanted by Parcel Post, add 10c. per doz.; 25c. per 100 for postage.

	Doz.	100	1000
Florios. White, blotched crimson; flowers large.....	\$0.90	\$6.50	\$60.00
Peach Blossom. A lovely shade of soft pink.....	.90	6.50	60.00
Red Bride. Rosy carmine; a fine variety....	.90	6.50	60.00
The Bride. Pure white.....	.90	6.50	60.00

## GLOXINIAS (Ready in January)

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. We offer extra fine large bulbs.

If wanted by Parcel Post, add 10c. per doz.; 25c. per 100.

	Each	Doz.	100
Purple.....	\$0.40	\$4.00	\$30.00
Rose.....	.40	4.00	30.00
Spotted.....	.40	4.00	30.00
Choice Mixed Colors.....	.40	4.00	30.00



*Grape Hyacinths*

## GRAPE HYACINTHS (Muscaris)

Beautiful early spring flowering bulbs for planting in masses, either in shade or sun. Once planted they multiply rapidly and send up an abundance of flower spikes each year; also adapted for growing indoors. Perfectly hardy.

If wanted by Parcel Post, add 15c. per 100 for postage.

Doz. 100 1000

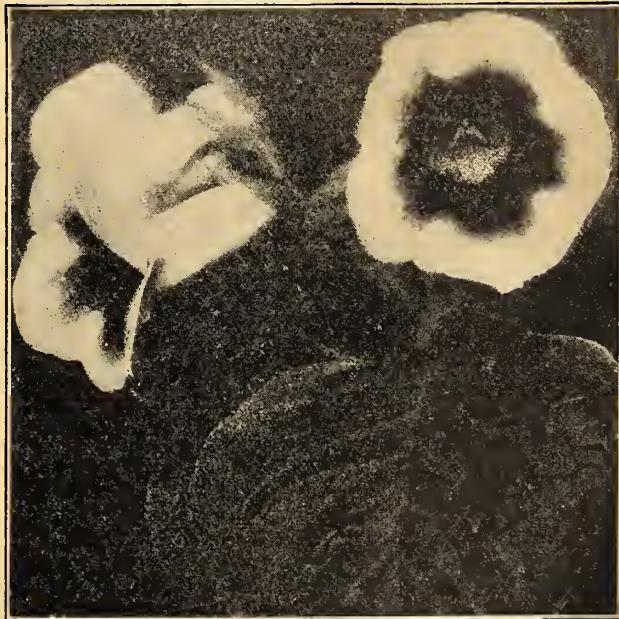
Botryoides Albus. White.....	\$0.90	\$6.00	\$55.00
" Heavenly Blue. Large flowers of a beautiful sky blue color.....	.60	3.25	27.50

## TESTIMONIAL

Phila., Pa.

We have the finest display of Hyacinths and Tulips received from your firm, all true to name and of monster size. Never had anything like them in size and color.

Wm. Morton, Supt. of Grounds,  
Girard College.



*Gloxinia*



Iris Filifolia, Imperator

**SPANISH IRIS (Iris Hispanica)**

(Ready in October)

Graceful, slender stems, with loose but beautiful flowers, the charming colors producing a combination not surpassed by an orchid. The finest effects are produced when planted in clumps in the perennial border; flowering period May and early June. They are also excellent for growing in pots indoors. **Mammoth Bulbs.**

If Iris is wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Belle Chinoise. Deep yellow.....	\$0.90	\$5.75	\$52.50
Cajanus. Canary yellow, orange blotches.....	.90	5.75	52.50
Darling. Dark blue.....	.90	5.75	52.50
Flora. Creamy white, pale lavender shaded.....	.90	5.75	52.50
King of the Blues. Deep purplish blue.....	.90	5.75	52.50
Louise. Very pale blue and white.....	.90	5.75	52.50
Reconnaissance. Bronze.....	.90	5.75	52.50

**DUTCH IRIS (Hollandia)**

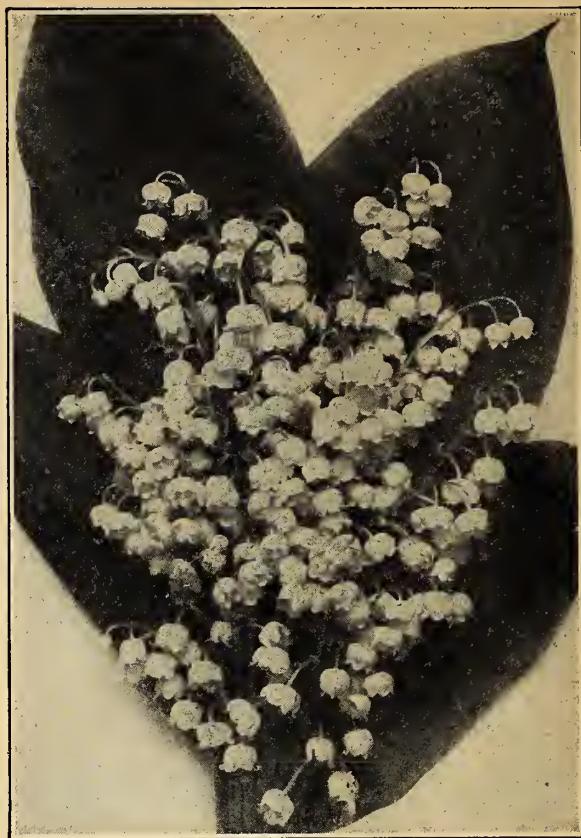
These are best described as a giant strain of early flowering Iris Hispanica, blooming fully two weeks earlier; flowers very large.

	Doz.	100	1000
Anton Mauve. Soft blue; early.....	\$1.00	\$6.25	\$57.50
Frans Hals. Standard light blue, falls yellow.....	1.00	6.25	57.50
Hart Nibbrig. Brilliant clear blue.....	1.00	6.25	57.50
Hobbema. Standards light blue, falls white, yellow blotch.....	1.00	6.25	57.50
Huchtenberg. Standards white shaded blue, falls yellow and orange.....	1.00	6.25	57.50
Rembrandt. Deep blue with orange blotch.....	1.00	6.25	57.50

**IRIS FILIFOLIA**

A strain of Iris Hispanica, that flowers from 2 to 3 weeks earlier.

	Doz.	100	1000
Celestial. Bright sky blue.....	\$1.00	\$7.00	\$65.00
Imperator. Blue; large flower; excellent forcer.....	1.25	7.50	70.00
Wedgewood. Extraordinary large; deep blue.....	3.50	25.00	

**IXIAS (See page 17.)**

Lily of the Valley

**LILY OF THE VALLEY**

(Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist.

**Michell's Fancy Giant Flowering.** The finest strain of Valley procurable. 25 for \$1.50 (by P. P., \$1.60); \$5.50 per 100 (by P. P., \$5.75); per 1000, \$50.00.

**Bundles or Clumps.** For outdoor planting only. Bundles contain 15 good size pips, with good root growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. We can make shipment of these from November until May. 60c. per bundle (by P. P., 70c.); doz. bundles, \$6.50 (by P. P., \$6.75); \$50.00 per 100 bundles.

**COLD STORAGE LILY OF THE VALLEY**

(Ready Now)

Per doz., \$1.25; \$2.00 per 25; per 100, \$7.50; \$17.50 for 250; 500 for \$32.50; \$65.00 per 1000.



Irias

**IXIAS**

A charming little stove and conservatory bulb; it may also be planted outdoors if put in a protected position with plenty of covering during the winter, and in well drained soil.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Scarlet.....	\$0.60	\$3.75	\$32.00
Extra Fine Mixture.....	.45	2.50	20.00

**MONTBRETIAS (Ready in February)**

A beautiful flowering bulb resembling a miniature Gladiolus; absolutely hardy and only effective when planted in masses of from 50 to 100 bulbs in a clump.

We expect to receive a shipment of choice named varieties, list of which, with prices, will be announced later.

**ORNITHOGALUM (Star of Bethlehem)**

**Arabicum.** An attractive flowering bulb for indoor or outdoor culture. Petals pure white, streaked light green with a black center, very fragrant and especially desirable for planting in woodlands for naturalizing. For indoor culture treat like hyacinths. 15c. each; doz., \$1.50 (by P. P., \$1.65); \$10.00 per 100.

**OXALIS**

For conservatory, greenhouse and window garden culture the Oxalis is ideal. Oxalis should be given a well-drained pot or pan of rich, loamy soil and potted any time from September to December, the earlier the better. They may be started into growth as soon as potted by placing in a sunny situation and a temperature of from 55 to 60 degrees, water being given as required. Plant 4 to 6 bulbs in a pot or hanging basket.

	Doz.	100	By P.P.
<b>Grand Duchess.</b> Lavender.....	\$0.50	\$2.75	\$2.85
“ “ Pink.....	.50	2.75	2.85
“ “ White.....	.50	2.75	2.85
“ “ Yellow.....	.50	2.75	2.85
<b>Bermuda Buttercup.</b> Yellow, first size.....	.50	2.75	2.85
“ “ Mammoth.....	.60	3.50	3.60
<b>Bowiei.</b> Large flowering; rich pink.....	.70	4.00	4.10



Ranunculus

**RANUNCULUS (Buttercup)**

An attractive flower resembling a giant double buttercup, or double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering. The colors are bright, clear and pure.

	Doz.	100	By P.P.	1000
<b>Giant Fringed Mixed</b> .....	\$0.75	\$4.50	\$4.65	\$40.00

**MICHELL'S BULB GROWING GUIDE**

We have issued the above booklet, containing not only the most up-to-date cultural directions in general, but giving a very concise detail to what use each variety is best put to, and in addition describing very explicitly almost every bulb offered in this catalog. Free on request.



Grand Duchess Oxalis

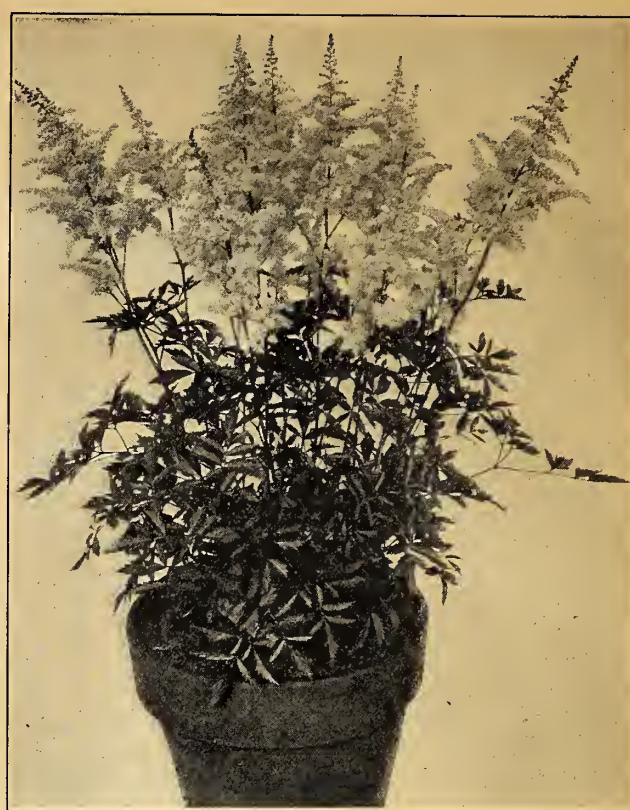


Scilla Siberica

**SCILLAS****(Squills, Wood Hyacinths, Blue Bells, Etc.)**

Excellent for planting around beds of tulips, hyacinths or daffodils, or among shrubbery in the herbaceous border. They also do well if planted indoors in pots or pans. The Campanulata type grow about 15 inches high; the Siberica 3 to 4 inches.

	Doz.	100	By P.P.	1000
Campanulata Alba. White	....	\$0.70	\$4.25	\$4.40
“ Coerulea. Blue	....	.50	3.50	3.65
“ Rosea. Pink	....	.90	6.25	6.40
Siberica. Blue, first size bulbs	....	.70	4.25	4.40
“ Mammoth bulbs	....	.85	5.75	5.90
				52.00



Spirea, America

**SPIREA****(Ready in December)**

This is a favorite Easter plant, rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by putting in a warmer place.

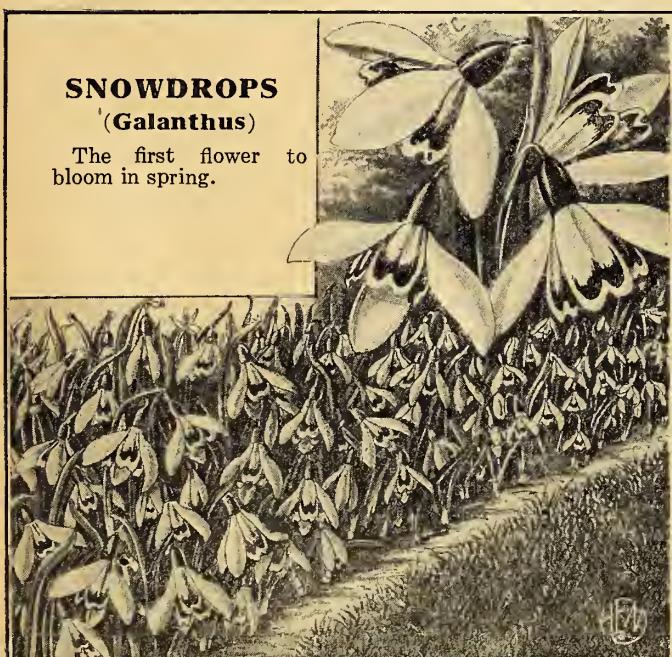
**America.** A beautiful lilac rose variety, having the same habit, large feathery panicles and forcing qualities of Gladstone. 80c. each; per doz., \$8.00; \$60.00 per 100.

**Gladstone.** A very popular variety; the immense trusses of flowers are snow white, borne on strong, erect stalks and are produced in great abundance. 80c. each; per doz., \$8.00; \$60.00 per 100.

**Gloria.** Dense feathery plumes of a splendid brilliant dark pink color, with a soft lilac shade. 80c. each; per doz., \$8.00; \$60.00 per 100.

**Peach Blossom.** A very lovely shade of peach-blossom pink. A very free flowering variety. 80c. each; per doz., \$8.00; \$60.00 per 100.

**Queen Alexandra.** A beautiful shade of pink. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. 80c. each; per doz., \$8.00; \$60.00 per 100.

**SNOWDROPS**  
(*Galanthus*)

The first flower to bloom in spring.



No flower plays a more important part in the garden than the Snowdrop, not only being the earliest to bloom, but one of the loveliest. A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border, one following the other in flowering and in change of color. They are perfectly hardy.

	Doz.	100	By P.P.	1000
Double. Pure white	....	\$0.90	\$6.25	\$6.40
Single. Pure white	....	.75	4.50	4.65

	Each	Doz.	By P.P.	1000
Treatea Alba. White	....	\$0.10	\$1.00	\$1.10
Treatea Rosea. Pink	....	.15	1.50	1.60

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## FOR AUTUMN AND EARLY WINTER SOWING

19

The Perennial Flower Seeds listed in the following pages, if sown in the fall in a cold frame or a protected corner of the garden will produce plants that will give splendid results the next season.

For Complete List of Flower Seeds, see Our General Catalogue for 1928

### Special Collection—Hardy Perennials

13 Choice Varieties for \$1.00. One pkt. each of the following:

Aquilegia	Delphinium	Gypsophila
Campionula	Dianthus	Hollyhock
Centaurea	Digitalis	Lupins
Chrysanthemum	Gaillardia	Sweet William
Coreopsis		

### ACANTHUS

Large pkt. Pkt.

*Latifolius*. Stately hardy perennial foliage plant; large decorative leaves; July and August; 3 feet.... \$0.50 \$0.15

### ACHILLEA (Milfoil or Yarrow)

*Ptarmica*, Fl. Pl., "The Pearl." Tall erect plants; pure white double flowers; hardy perennial; 2 ft.... .75 .10

### ACONITUM (Monk's Hood or Helmet Flower)

*Napellus*. Hardy perennial, thriving best in semi-shady situations; long spikes of blue flowers; 4 feet; August-September..... .40 .10

### ADLUMIA (Allegheny Vine)

*Cirrhosa*. A hardy biennial climber; rose colored flowers..... .75 .10

### ADONIS

*Vernalis*. Finely cut foliage; bright yellow flowers; perennial; 1 foot..... .40 .10

### AGROSTEMMA (Rose of Heaven, Mullein Pink)

Large pkt. Pkt.

*Coronaria*. Silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet; June to August.... \$0.25 \$0.10

*Coronaria Alba*. Pure white..... .25 .10

### ALYSSUM

*Rostratum*. Perennial; dwarf, golden yellow..... .30 .15

*Saxatile Compactum* (*Basket of Gold*). Golden yellow flowers; hardy perennial; 1 ft..... oz., \$1.25 .30 .10

### AMPELOPSIS (Boston or Japanese Ivy)

*Veitchi*. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumn, oz., 40c. .25 .10

### ANCHUSA (Sea Bugloss)

*Italica "Dropmore."* A hardy perennial plant, 4 feet high, with flowers of a lovely gentian blue.... .40 .10

*Italica Opal*. Large pale blue flowers..... .60 .20

### ANEMONE (Wind Flower)

A dainty spring flowering perennial, with cup-shaped blossoms; splendid for bouquets.

Large pkt. Pkt.

*Coronaria*. Mixed colors; 1 foot..... \$0.40 \$0.10

*St. Brigid, or Poppy*. Flowers of large size; semi-double and double, in many colors; 1 foot..... .75 .15

### ANTHEMIS (Hardy Marguerite)

*Tinctoria Kelwayi*. A handsome hardy perennial; daisy like bright yellow flowers; 2 feet..... .40 .10

### ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

### MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

Large pkt. pkt.

*Giant Brilliant Rose*..... \$0.30 \$0.10

*Giant Garnet*..... .30 .10

*Giant Harmony*. Orange shaded rose..... .30 .10

*Giant Pink*..... .30 .10

*Giant Scarlet*..... .30 .10

*Giant Striped*..... .30 .10

*Giant White*..... .30 .10

*Giant Yellow*..... .30 .10

Collection, one packet each six colors, 50c.

*Giant Mixed*. All colors..... oz., 90c. .30 .10

### ANTIRRHINUM (Snapdragon)

(Continued)

### SPECIAL FORCING VARIETIES

*Geneva Pink*. Glistening rose pink. Original large pkt., \$1.25.

*Helen*. Lovely salmon color. Large pkt., \$1.25.

*Jennie Schneider*. True pink Columbia rose color; free bloomer. Original large pkt., \$2.00.

*Keystone*. Large spikes; color rose pink. Pkt., 25c.; 75c. per large pkt.

*Michell's Salmon Pink*. Long spikes of flowers of a delicate salmon pink. Pkt., 15c. 50c. per large pkt.

*Orlando*. Beautiful bronze color. Pkt., 25c.; \$1.00 per large pkt.

*Phelps' White*. Pkt., 25c.; 50c. per large pkt.

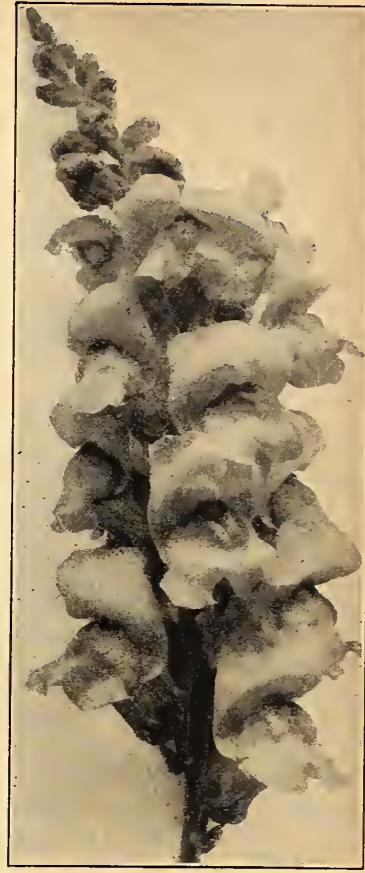
*Phelps' Yellow*. Pkt., 25c.; 50c. per large pkt.

*Philadelphia Pink*. Considered to be the finest pure pink; an exquisite shade; stout stems. Pkt., 25c.; 75c. per large pkt.

*Philadelphia Pink*. Original large pkt., \$1.25.

*Silver Pink (Ramsburg's)*. Large flowers on long stems. Pkt., 25c.; 75c. per large pkt.

*White Rock*. An extra early, free blooming pure white. Original large pkt., \$1.25.



*Antirrhinum maximum*

### MAXIMUM VARIETIES

A recently introduced type with extra large flowers on strong stems. These are also forcing varieties.

Large pkt. Pkt.

*Canary Bird*. Canary yellow, golden yellow center.... \$0.50 \$0.25

*Cattleya*. Silvery rosy lilac..... .50 .25

*Copper King*. Coppery red..... .50 .25

*Snowflake*. Pure white, yellow tube..... .50 .25

*Mixed*. Maximum varieties..... .40 .25

### SEMI-DWARF ANTIRRHINUMS

The Semi-Dwarf sorts grow about 18 inches high.

Large pkt. Pkt.

*Bonfire*. Orange buff, shaded scarlet..... \$0.40 \$0.10

*Bride*. Pure white..... .40 .10

*Daphne*. Carmine pink, white throat..... .40 .10

*Eclipse (New)*. Brilliant crimson red..... .60 .15

*Firebrand*. Rich deep red..... .40 .10

*Golden Queen*. Golden yellow..... .40 .10

*Mauve Queen*. Lilac mauve..... .40 .10

*Mont Blanc*. Pure white..... .40 .10

*Nelrose*. Pink..... .40 .15

*Mixed*. All colors..... oz., \$1.00 .30 .10

*Tom Thumb Mixed*. All colors; 12 inches..... .30 .10

(ot)

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## AQUILEGIAS OR COLUMBINES

Beautiful spring and early summer flowers; very effective in the herbaceous border and among shrubbery; graceful spurred flowers on stems 2 feet above the fern-like foliage.

	Large pkt.	Pkt.
Californica <i>Hybrida</i> . Mixed colors; long spurs	....\$0.60	\$0.10
Canadensis. The scarlet and yellow native species	....60	.15
Chrysanthia ( <i>Golden Spurred</i> ). Bright golden yellow	....60	.10
Coerulea ( <i>Rocky Mountain Columbine</i> ). Large flowers, violet blue and white	....60	.10
Long Spurred Hybrids. Flowers of many rich and varied colors, with long spurs	....60	.10
Nivea <i>Grandiflora</i> . A beautiful large pure white	....40	.10
Rose Queen. Pink, white center, yellow anthers	....75	.15
Double Mixed. All colors	....oz., 90c.	.25
Single Mixed. All colors	....oz., 75c.	.25
		.10

## ARABIS (Rock Cress)

Large pkt. Pkt.

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches	.....	\$0.25	\$0.10
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## ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings, with deep pink flowers	.....	.40	.10
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## ASPARAGUS

100 Seeds

Plumosus <i>Nanus</i> . An excellent plant for house or conservatory decoration	.....	\$1.00	\$0.25
Sprengeri. One of the best plants to grow in hanging baskets, window boxes or vases, for greenhouse in winter or for outdoors in the summer	.....	.50	.10

## ASPERULA (Woodruff)

Large pkt. Pkt.

Odorata. A pretty hardy perennial, thriving in partial shade; flowers white; 1 foot	.....	\$0.30	\$0.10
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## ASTER, PERENNIAL (Michaelmas Daisy)

One of the showiest of our late flowering, perennial plants; star like, single flowers	.....		
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Large pkt. Pkt.

Alpinus. Purple with large yellow center; 1 foot	....\$0.60	\$0.15
Alpinus Albus. Pure white	....60	.15
Choice Mixed. Many beautiful shades; 2 to 3 feet	....40	.10

## AUBRIETIA

Deltoides. Dwarf, spring flowering perennial; fine for rockeries; lavender-blue flowers; 4 inches	.....	.75	.15
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## AURICULA (Primula Auricula)

Choice Mixed. Beautiful, low growing, early spring flowering plants for borders, pot culture, etc.; half hardy perennial; 6 inches; May	.....	.75	.10
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## BABY'S BREATH. See Gypsophila

## BAPTISIA (False Indigo)

Australis. A strong growing perennial plant, 2 feet high; spikes of dark blue, pea shaped flowers in June and July	.....	.50	.10
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## BELLIS PERENNIS. See Daisy

## BOCCONIA (Plume Poppy)

Cordata. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet	.....	.25	.10
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## BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches	.....		
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Large pkt. Pkt.

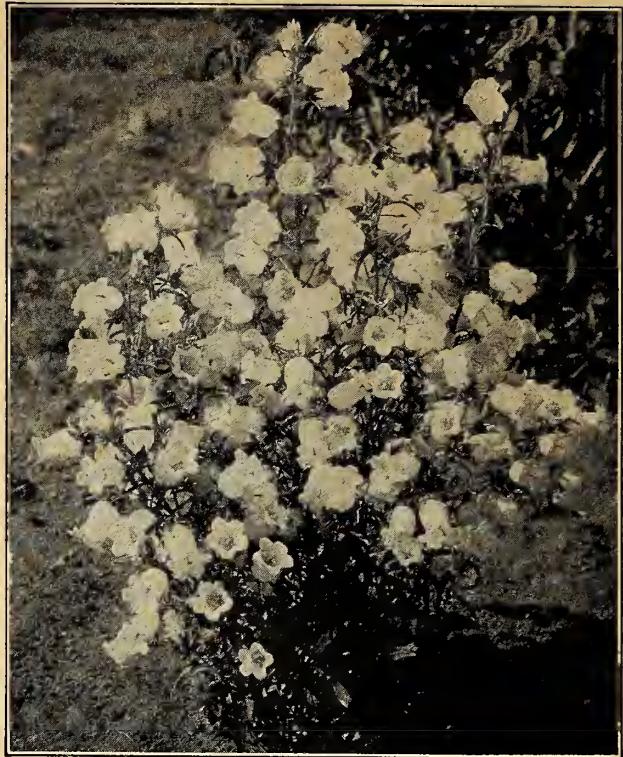
Elaia Coerulea. Sky-blue flowers	.....\$0.30	\$0.10
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Large pkt. Pkt.

Speciosa Major. Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering	.....	.20
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## CALCEOLARIA. See Next Page

## CALLIOPSIS. See Next Page



Campanula—Medium

## CAMPANULA MEDIUM (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers.

	Oz.	Large pkt.	Pkt.
Single Blue	....\$0.60	\$0.25	\$0.10
“ Pink	....60	.25	.10
“ White	....60	.25	.10
“ Mixed	....50	.25	.10
Double Blue	....50	.10	.10
“ Pink	....50	.10	.10
“ White	....50	.10	.10
“ Mixed	....1.50	.40	.10

## CAMPANULA MEDIUM CALYCANTHEMA

## (CUP AND SAUCER CANTERBURY BELLS)

These produce large single flowers resembling a cup and saucer.

	Large pkt.	Pkt.	Large pkt.	Pkt.	
Blue	....\$0.50	\$0.10	White	....\$0.50	\$0.10
Lilac	....50	.10	Mixed, 1/4 oz., 60c.	....50	.10
Pink	....50	.10			

## CAMPANULAS OR BELLFLOWERS

## (PERENNIAL VARIETIES)

Well known hardy herbaceous perennials, bearing a profusion of beautiful bell-shaped flowers.

Large pkt. Pkt.

Carpatica ( <i>Carpathian Hare Bell</i> ). Flowers clear blue; fine for edging; 6 inches; June and July	.....\$0.40	\$0.10
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Carpatica, Alba. Pure white

Latifolia Macrantha. Large, purplish blue flowers; 2 feet	.....	.60	.10
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Persicifolia Grandiflora ( <i>Peach Bells</i> ). Blue; spikes 4 feet tall with bell shaped flowers	.....	.75	.15
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Persicifolia Grandiflora, Alba. Pure white	.....	.75	.15
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Pyramidalis ( <i>Chimney Bell Flower</i> ). Perfect pyramids 4 to 6 feet high, crowded with large bell-shaped flowers, blue and white mixed	.....	.40	.10
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(ot)

## CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket like flowers.

		Large	Pkt.	Pkt.
<b>Hybrida Grandiflora, Tall Mixed.</b>	Large, self-colored flowers from a choice collection; 18 inches	..	\$0.85	\$0.25
<b>Hybrida Grandiflora, Pumila Compacta.</b>	Of dwarf, compact growth; trusses of large, self-colored and spotted flowers; 1 foot	..	.85	.25
<b>Rugosa Mixed (Shrubby).</b>	Small flowering, for bedding	..	.85	.25

## CALLIOPSIS (Coreopsis) (Perennial)

One of the most popular perennials; excellent for cutting.

		Large	Pkt.	Pkt.
<b>California Sunbeams.</b>	Large flowers beautifully formed; yellow and brown	.. oz., 75c.	\$0.25	\$0.10
<b>Lanceolata Grandiflora.</b>	Single golden yellow flowers of graceful form	.. oz., 50c.	.25	.10
<b>Lanceolata Grandiflora Fl. Pl. (Double Flowering Coreopsis).</b>	Similar in habit to the above; flowers double and semi-double	..	.40	.10

## CAMPANULA. See Page 20

## CANDYTUFT (Iberis)

<b>Sempervirens.</b>	Dwarf spring flowering perennial; flowers glistening white; May; 1 foot	..	.60	.10
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## CARNATION

These are general favorites for their richness of color and delightful fragrance; desirable for greenhouse culture in winter as well as for the garden in summer.

		Large	Pkt.	Pkt.
<b>Chabaud's Everblooming, Sparkler. Cardinal red.</b>	\$0.75	\$0.15		
" " " Jeane Dionis. White	.75	.15		
" " " The Pearl. Rose pink	.75	.15		
" " " Choice Mixed	.60	.15		
<b>Choice Mixed. Double border; hardy</b>	.50	.10		
<b>Early Vienna Mixed. Large double flowers; hardy</b>	.50	.10		
<b>Marguerite Pink</b>	.50	.10		
" White	.50	.10		
" Scarlet	.50	.10		
" Yellow	.50	.10		
" Choice Mixed	.. oz., \$2.00	.40	.10	

## CENTAUREA (Perennial)

		Large	Pkt.	Pkt.
<b>Montana (Hardy Cornflower).</b>	Large, feathery blue flowers; splendid for cutting; 18 inches	..	\$0.30	\$0.10

## CERASTIUM (Snow in Summer)

<b>Tomentosum.</b>	Dwarf, white-leaved edging plant; small white flowers; perennial; 4 inches	..	.40	.10
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## CHEIRANTHUS

<b>Allionii (Siberian Wallflower).</b>	A biennial, but best treated as an annual; brilliant orange flowers	..	.30	.10
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## CHELONE

<b>A</b> very showy perennial bedding plant; June to August; 2 ft.				
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		Large	Pkt.	Pkt.
<b>Hybrida Torreyi.</b>	Brilliant scarlet	..	\$0.50	\$0.15
<b>Hybrida Mixed.</b>	Various colors	..	.50	.15

## CHRYSANTHEMUM (Perennial)

		Large	Pkt.	Pkt.
<b>Colossal Queen (New).</b>	Extra large, pure white flowers; splendid for cutting	..	\$0.75	\$0.25
<b>Early Flowering, Double and Semi-Double.</b>	Very showy; excellent for cutting; 1 foot	.75	.25	
<b>King Edward VII.</b>	Flowers extra large, pure white and of perfect form	.30	.10	
<b>Shasta Daisy, "Alaska."</b>	Extra large, single white flowers on long stems; 2 feet	.60	.10	

## CLEMATIS

<b>Paniculata (Japanese Virgin's Bower).</b>	The beautiful autumn-flowering variety, admired for its fragrant, white star-shaped flowers; perennial climber.	..	.25	.10
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## COLUMBINE. See Aquilegia

## COWSLIP. See Primula Veris



Cineraria, Multiflora Nana

## CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our strains cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across.

## CINERARIA, MULTIFLORA NANA

### Berlin Market Strain (Novelty)

An improved strain of this splendid pot plant; very dwarf and compact; flowers of large size, produced in great profusion and in a range of the best colors and shades.

	Large	pkt.	Pkt.
Azure Blue	..	\$1.25	\$0.50
Dark Blue	..	1.25	.50
Dark Red	..	1.25	.50
Rose	..	1.25	.50
Mixed Colors	..	1.00	.50

## CINERARIA, GRANDIFLORA PRIZE

	Large	pkt.	Pkt.
<b>Grandiflora Prize Dwarf.</b>	Mixed colors; plants of dwarf habit	..	\$0.85 \$0.35
<b>Grandiflora Prize Medium Tall.</b>	Mixed colors; desirable as a decorative plant	..	.85 .35
<b>Matador.</b>	Large flowering scarlet	..	.85 .35
<b>Stellata Hybrida (Star Cineraria).</b>	Of graceful habit; produces a profusion of flowers; mixed colors	..	.75 .25

## CYCLAMEN

Beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

## MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 seeds	Pkt.
Bright Red	..	\$2.50 \$0.50
Dark Blood Red	..	2.50 .50
Glory of Wandsbek	..	2.75 .50
Improved Salmon (New)	..	2.75 .50
Perle of Zehlendorf	..	2.75 .50
Pure White	..	2.50 .50
Rose of Marienthal	..	2.50 .50
Safranin Red (New)	..	3.00 .50
Salmon Purple	..	2.75 .50
Salmon Scarlet	..	3.00 .50
White with Carmine Eye	..	2.50 .50
Mixed. All colors	..	2.25 .40

Ask for Culture Leaflet No. 215 on the growing of Cyclamen.

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

DAISY, ENGLISH DOUBLE (*Bellis Perennis*)

These are favorite perennials; seed may be sown any time from spring till autumn; transplanted in the fall and protected during the winter they will flower the following spring; 4 inches.

Large pkt. Pkt.

Monstrosa, Pink.	These surpass all strains of this popular plant in strong, robust growth and in the abundance of extra large, perfectly double flowers.	\$0.75	\$0.25
Monstrosa, White.		.75	.25
Monstrosa, Mixed.		.75	.25
Double Mixed.	Extra fine.	.50	.10

## DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

**English Hollyhock** (*Watkin Samuel's Wrexham Strain*). The finest large flowered type to date; colors range from delicate Belladonna blue to deepest blues and purples; immense flower spikes; selected mixture. Pkt., 50c.; \$1.50 per large pkt., (300 seeds).

**Belladonna.** One of the most continuous blooming varieties; immense spikes of clear turquoise blue; 5 feet. Pkt., 25c.; 60c. per large pkt.

**Bellamosum.** A rich, deep blue form of the popular light blue Belladonna. Pkt., 25c.; 75c. per large pkt.

**Chinense Grandiflorum.** A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**Chinense Grandiflorum Album.** Pure white flowers. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**Formosum.** Deep blue; 3 feet. Pkt., 10c.; 75c. per large pkt.; oz., \$3.50.

**Gold Medal Hybrids.** Produces long spikes of large flowers. An extra fine strain containing many shades of blue. Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

**Double Hybrids.** A splendid mixture of large double flowering varieties. Pkt., 15c.; 75c. per large pkt.

**Woodacres Hybrids.** An extra selected strain from one of the finest collections in the world. Pkt., 40c.; \$1.00 per large pkt.

**Blue Butterfly.** An annual variety of an exquisite deep blue. Pkt., 15c.; 50c. per large pkt.; oz., \$2.25.

**White Butterfly.** A splendid white flowering type of the above. Pkt., 15c.; 50c. per large pkt.; oz., \$2.25.

## DIANTHUS (Hardy Garden Pinks)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

Large pkt. Pkt.

<b>Clove Scented.</b> Double and semi-double varieties in beautiful colors; fragrant.		\$0.50	\$0.10
<b>Deltoides (Maiden Pink) Brilliant.</b> Dwarf brilliant carmine.	.75	.15	
<b>Double Scotch.</b> Choice colors.	.50	.15	
<b>Erfurt.</b> Dwarf; compact; early; mixed colors.	.60	.10	
<b>Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William).</b> Free flowering; velvety crimson scarlet; double.	.40	.10	
<b>Pheasant's Eye.</b> Single fringed flowers; mixed colors.	.25	.10	

## DICTAMNUS (Gas Plant)

Showy, bushy perennials, 2½ feet high; June and July.

Large pkt. Pkt.

<b>Fraxinella.</b> Purple red flowers.		\$0.40	\$0.10
<b>Fraxinella Alba.</b> Pure white flowers.		.60	.10

## DIGITALIS (Foxglove)

Ornamental hardy plants; long spikes of beautiful, tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

Large

<b>Gloxiniaeflora, Pink.</b>	Oz.	Pkt.	Pkt.
"	\$1.00	\$0.30	\$0.10
" Purple	1.00	.30	.10
" White	1.00	.30	.10
" Mixed	.75	.25	.10

<b>Grandiflora.</b> Light yellow.	1.25	.30	.10
<b>Maculata Superba.</b> A beautiful spotted variety.	.40	.15	

## ECHINOPS (Globe Thistle)

**Ritro.** Hardy perennial with thistle-like leaves and globe-shaped bristly flowers; 3 to 4 feet.

## ERYNGIUM (Sea Holly)

A handsome, ornamental perennial plant; round heads of flowers, which can be cut and dried for winter bouquets; 3 feet.

Large pkt. Pkt.

<b>Amethystinum.</b> Metallic blue flowers.		\$0.75	\$0.15
<b>Planum.</b> Pale blue.		.25	.10

## EUPATORIUM

**Fraseri.** A fine hardy perennial, thriving in almost any situation; excellent for cutting; 2 feet.

.30 .10

## FERN SPORES

<b>Adiantum (Maiden Hair).</b> Mixed.		1.00	.15
<b>Pteris Varieties.</b> Mixed.		1.00	.15
<b>All Sorts Mixed.</b> Choice collection.		1.00	.15

We can also furnish all other good varieties of fern spores.

## FEVERFEW (Matricaria)

**Double White.** Free flowering plants for bedding or pot culture; showy double white flowers; 18 inches.

.25 .10

<b>Golden Ball.</b> Dense habit; bright yellow flowers.		.75	.10
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**FORGET-ME-NOT.** See *Myosotis*



*Gaillardia, Grandiflora Superba*

## GAILLARDIA (Blanket Flower)

## PERENNIAL VARIETIES

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size.

Large pkt. Pkt.

<b>Grandiflora Portola Hybrids.</b> Bronzy red, golden tipped petals.		\$0.75	\$0.25
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<b>Grandiflora Compacta.</b> A compact variety; choice mixed colors; 12 to 15 inches.	Oz.	90c.	.30 .10
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<b>Grandiflora Sanguinea.</b> Blood-red flowers; 2 ft.		.30	.10
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<b>Grandiflora Semi-Double.</b> Mixed.		.30	.10
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<b>Grandiflora Superba.</b> Mixed; 2 feet.	Oz.	60c.	.25 .10
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## GENTIANA (Blue Gentian)

**Acaulis (Blue Gentian).** Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.

.40 .10

## GEUM

Beautiful hardy perennial bearing large, showy double flowers all through the summer; fine for bouquets; 1½ feet.

Large pkt. Pkt.

<b>Atrosanguineum Fl. Pl.</b> Dark crimson.		\$0.40	\$0.10
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<b>Lady Stratheden (New).</b> Golden yellow.		.75	.25
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<b>Mrs. Bradshaw.</b> Brilliant scarlet.		.60	.15
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# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

23

## GLOXINIA

	Large	pkt.	Pkt.
Hybrida Grandiflora. An extra fine strain, embracing all the choicest self colored, tigereed and spotted flowers.....	\$0.85	\$0.25	

## GYPSOPHILA (Baby's Breath)

Oz. Large pkt. Pkt.

Elegans Alba Grandiflora (True Paris Market Strain). Annual variety; delicate sprays of white flowers.....	\$0.25	\$0.10	
Elegans Carminea. Bright carmine rose.....	.30	.10	
Elegans Rosea. Delicate pink.....	.30	.10	
Paniculata. Hardy perennial variety; flowers in graceful sprays of white.....	.60	\$0.25	.10
Paniculata fl. pl. Double white flowers.....	.75	.20	
Repens. A fine rockery plant, covered with tiny white flowers.....	.40	.15	

## HELENIUM (Sneeze Wort)

Large pkt. Pkt.

Autumnale Superbum. Perennial; large heads of golden yellow flowers; 5 to 6 feet.....	\$0.40	\$0.10	
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## HELIANTHEMUM (Rock, or Sun Rose)

Mutable. A very pretty perennial for the rockery; completely covered with masses of bloom from July to September; choice mixed varieties.....	.40	.15	
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## HELIOPSIS (Orange Sunflower)

Pitcheriana. A handsome hardy perennial, producing an abundance of deep orange-yellow flowers the entire summer; excellent for cutting; 3 to 4 feet. Pkt., 10c.; 25c. per large pkt.

## HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot; Pkt., 10c.; 75c. per large pkt.

## HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders.

Crimson Eye. Flowers large; color, pure white with velvety crimson center, 4 feet. Pkt., 10c.; 25c. per large pkt.

Moscheutos. Large, rosy pink flowers. Pkt., 10c.; 30c. per large pkt.

New Giant (Mallow Marvel). A greatly improved form; gigantic single flowers; mixed colors. Pkt., 10c.; 30c. per large pkt.

## HOLLYHOCK

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

Large  
Oz. Pkt. Pkt.

Allegheny. Semi-double; mammoth flowers, edges fringed and lacinated; mixed.....	\$1.50	\$0.40	\$0.10
Chater's Double, Maroon.....	2.00	.50	.10
"    "    Pink.....	2.00	.50	.10
"    "    Red.....	2.00	.50	.10
"    "    Salmon.....	2.00	.50	.10
"    "    White.....	2.00	.50	.10
"    "    Yellow.....	2.00	.50	.10
"    "    Mixed.....	1.50	.40	.10
Double Newport Pink. Pure pink.....	2.25	.50	.10
Collection, one pkt. each 6 colors.....			.50
Double Ever-blooming Mixed.....	1.50	.40	.15
Single Ever-blooming Mixed.....	.90	.30	.10
Single Mixed.....	.90	.30	.10

## IBERIS. See Candytuft



Hollyhock, Chater's Double

## IRIS (Flowering Flag)

Large pkt. Pkt.  
Kaempferi (Japanese Iris). Hardy perennial; very showy; blooms the second year from seed; mixed colors; 3 feet..... \$0.25 \$0.10

## JAPANESE IVY. See Ampelopsis

## KUDZU VINE. See Pueraria

## LARKSPUR, PERENNIAL. See Delphinium

## LATHYRUS LATIFOLIUS (Everlasting or Perennial Pea)

Showy hardy perennial climber; fine for covering walls, stumps, fences, etc. Free flowering; excellent for cutting; 6 to 8 feet. Oz. Large pkt. Pkt.

Crimson. Brilliant.....	\$1.25	\$0.30	\$0.10
Pink Beauty. Bright rosy-pink.....	1.50	.40	.10
White.....	1.25	.30	.10
Choice Mixed. All colors.....	.75	.25	.10

## LAVENDER (Lavendula Vera)

Large pkt. Pkt.

Well-known perennial plant, bearing long spikes of fragrant blue flowers; 18 inches..... oz., 75c. \$0.25 \$0.10

## LIATRIS (Blazing Star)

Spicata. A showy hardy perennial border plant, with long spikes of violet purple flowers; 2 feet..... .75 .15

## LILY

Regale (Lil. Myriophyllum). Perfectly hardy and also excellent for forcing; flowers waxy white; very fragrant. Per 100 seeds, 60c.; \$3.50 per 1000 seeds.

## LINUM (Flax)

Large pkt. Pkt.

Perenne. Hardy perennial variety, with bright blue flowers; 1 1/2 feet..... oz., 75c. \$0.25 \$0.10

## LOBELIA

Cardinalis (Cardinal Flower). Hardy perennial; tall spikes of showy cardinal red flowers..... .75 .10

## LUPINUS (Perennial Varieties)

Graceful spikes of pea-shaped flowers; excellent for cutting. Large pkt. Pkt.

Polyphyllus, Blue.....	\$0.25	\$0.10	
"    "    Moerheimi. Pink and white.....	.60	.25	
"    "    Roseus. Pink.....	.30	.10	
"    "    White.....	.25	.10	
"    "    Mixed.....	oz., 40c.	.25	.10
"    "    New Hybrids Mixed.....	.50	.10	

## LYCHNIS

Perennials of easy culture, for massing in beds or borders. Large pkt. Pkt.

Arkwrightii. Splendid hybrids; free flowering..... \$0.75 \$0.25

Chalcedonica (Rose Campion). Fine scarlet cross-like flowers; 2 feet; July..... oz., 50c. .25 .10

Haageana. Brilliant large, orange, scarlet, pink and crimson flowers, in mixture; 1 foot; July..... .75 .10

## LYTHRUM (Loose-Strife)

Roseum Superbum. A fine hardy perennial, producing spikes of rosy-pink flowers, from July to September; 3 feet..... .30 .10

## MIGNONETTE

No garden is complete without this fragrant flower; can also be grown in pots for winter and early spring blooming. Large pkt. Pkt.

Allen's Defiance. Spikes are of immense size; very fragrant..... oz., 60c. \$0.25 \$0.10

Goliath. Giant spikes of red flowers..... oz., \$1.50 .40 .10

Machet. Large, sweet scented flowers..... oz., 75c. .25 .10

Michell's Colossal. Flower spikes often average 18 inches; extremely fragrant..... .75 .15

New York Market. A specially selected strain..... .60 .15

White Goliath. An extra fine white sort..... .40 .10

## MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist, shady situations. Large pkt. Pkt.

Alpestris Victoria. Of bushy habit, bearing large bright blue flowers; very fine; 6 inches..... \$0.40 \$0.10

Eliza Fanrobert. Of strong growth, with clusters of large, bright blue flowers; 10 inches..... .40 .10

Grandiflora Alba. Large white flowers; 8 inches..... .40 .10

Grandiflora Rosea. Large pink flowers; 8 inches..... .40 .10

Michell's Winter Flowering. The finest variety for forcing; long stems, deep blue flowers..... .75 .15

Palustris Semperflorens. Dwarf; blooms the entire season; deep blue..... .60 .10

Choice Mixed..... oz., 75c. .25 .10

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# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist, shady situations.

Large pkt. Pkt.

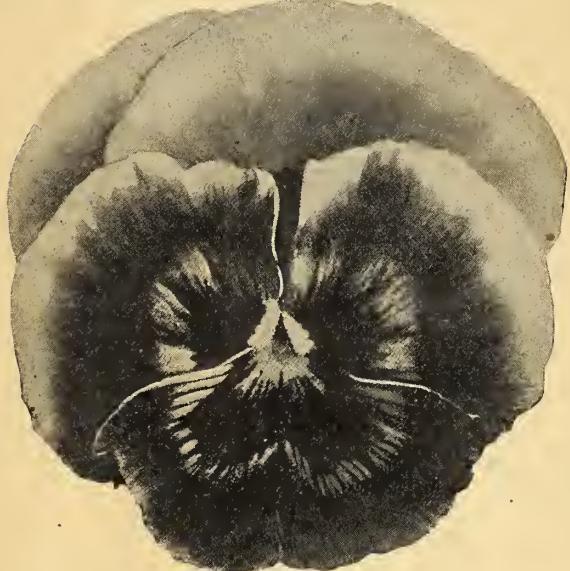
Alpestris Victoria.	Of bushy habit, bearing large bright blue flowers; very fine; 6 inches	\$0.40	\$0.10
Eliza Fanrobert.	Of strong growth, with clusters of large, bright blue flowers; 10 inches	.40	.10
Grandiflora Alba.	Large white flowers; 8 inches	.40	.10
Grandiflora Rosea.	Large pink flowers; 8 inches	.40	.10
Michell's Winter Flowering.	The finest variety for forcing; long stems, deep blue flowers	.75	.15
Palustris Semperflorens.	Dwarf; blooms the entire season; deep blue	.60	.10
Choice Mixed.	oz., 75c.	.25	.10

## ENOOTHERA (Evening Primrose)

Beautiful hardy perennials of easy culture; the plants continue in bloom throughout the summer.

Large pkt. Pkt

Missouriensis.	A prostrate growing variety, with large, bright-yellow flowers	\$0.75	\$0.15
Youngi.	A showy variety, with large yellow flowers; 3 feet	.60	.15



Michell's Giant Exhibition Pansy

## MICHELL'S GIANT PANSIES

Seed may be sown any time in the autumn, the earlier the better, for early blooming the following spring.

### PANSIES IN MIXTURE

Large pkt. Pkt.

Michell's Giant Exhibition.	A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per $\frac{1}{4}$ oz.; per $\frac{1}{8}$ oz., \$1.75.	\$0.75	\$0.25
Giant Trimardeau.	Very large flowering; all colors, mixed	.40	.10
Mad. Perret.	Early flowering; fragrant; especially rich in red shades	.75	.25
Masterpiece (Frilled Pansy).	Beautiful rich colors; petals curled or waved	.75	.25
Triumph of the Giants Mixed.	Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., \$11.00; \$3.25 per $\frac{1}{4}$ oz., per $\frac{1}{8}$ oz., \$2.00	.85	.50
Finest English Mixed.	oz., \$2.25	.40	.10

## GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

Large

		$\frac{1}{4}$ oz.	pkt.	Pkt.
Giant Prize, Azure Blue.	Violet blue	\$1.00	\$0.50	\$0.15
Giant Prize, Black Blue.	Dark velvety	1.00	.50	.15
Giant Prize, Emperor William.	Ultra-marine blue	1.00	.50	.15
Giant Prize, Hortensia Red.	Scarlet	1.00	.50	.15
Giant Prize, King of the Blacks.		1.00	.50	.15
Giant Prize, Lord Beaconsfield.	Violet	1.00	.50	.15
Giant Prize Peacock.	Upper petals blue, lower petals deep claret with white margin	1.00	.50	.15
Giant Prize, Snow Queen.	Pure white	1.00	.50	.15
Giant Prize, White, with dark eye.		1.00	.50	.15
Giant Prize, Pure Yellow.		1.00	.50	.15
Giant Prize, Yellow, with dark eye.		1.00	.50	.15
Giant Prize, Orange King.	Flowers large; lower portion of petals a vivid orange color, upper petals are of a distinct creamy tint	.75	.25	

**SPECIAL OFFER.**—We will send 6 packets of any of the above varieties of Giant Pansies (not including Orange King) for 75c.; or the whole 12 pkts. for \$1.40.

Ask for Cultural Leaflet No 209 on the Growing of Pansies.

## PENTSTEMON (Beard Tongue)

Beautiful perennial plants for the hardy border.

Large pkt. Pkt.

Sensation.	Large spikes of gloxinia-like flowers of brilliant colors; requires protection; 2 feet	\$0.50	\$0.15
New Hybrids, Mixed.	Produces large spikes of handsome flowers; 3 feet	.50	.10

## PHLOX (Hardy)

Decussata. Perennial plants 2 to 3 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring

$\frac{1}{4}$ oz., \$1.00	.60	.10
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## PHYSALIS (Chinese Lantern Plant)

Franchetii. Dense bushes about 2 feet high, producing freely, bright, orange-scarlet, lantern-like fruits; perennial

.30	.10
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## PHYSOSTEGIA (False Dragon Head)

A very pretty hardy perennial; dense bushes, bearing freely delicate tubular flowers; 3 to 4 feet; July-August.

Large pkt. Pkt.

Virginica. Pink	\$0.40	\$0.10
Virginica Alba. White	.40	.10

## PINKS. See Carnation and Dianthus

## PLATYCODON (Japanese Balloon Flower)

One of the best hardy perennials; large bell-shaped flowers; excellent for borders or among shrubbery; 2 to 3 feet.

Large pkt. Pkt.

Grandiflorum. Blue	\$0.40	\$0.10
Grandiflorum, Album. Pure white	.40	.10

## POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

Large pkt. Pkt.

Gold Laced. Flowers of brilliant colors, with distinct yellow edge	\$0.75	\$0.15
English Mixed. All colors	.60	.10

## POPPY (Perennial)

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

Large pkt. Pkt.

Iceland (Nudicaule) White. 1 foot	\$0.40	\$0.10
“ Orange Scarlet	.40	.10
“ Yellow	.40	.10
“ Single Mixed. A wide range of colors	.40	.10
“ Sunbeam. Splendid new shades in mixture	.60	.15
Oriente. Extra large flowers; deep scarlet	.30	.10
“ Mrs. Perry. Rich salmon pink	.60	.10
“ Hybrids. Beautiful flowers of large size; mixed colors	$\frac{1}{4}$ oz., 60c.	.40

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# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

25

## PRIMULA

### FRINGED CHINESE PRIMROSE

These are among our finest winter and spring blooming pot plants for decoration in the home or conservatory. Our seed has been saved from the best strains and will produce flowers that cannot be excelled for size and brilliancy of colors.

Large pkt. Pkt.

Alba Magnifica.	Large pure white flowers.....	\$0.85	\$0.40
Chiswick Red.	Brilliant red.....	.85	.40
Duchess.	Large white with zone of rosy carmine..	.85	.40
Holborn Blue.	A beautiful shade.....	.85	.40
Kermesina Splendens.	Crimson.....	.85	.40
Rosy Morn.	Delicate pink.....	.85	.40
Michell's Prize Mixture.	This mixture contains only the finest sorts selected from the best strains.....	.85	.25

### PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage; elegant plants for greenhouse or light window of dwelling house.

Large pkt. Pkt.

Gigantea MONSTER.	An extra large flowering strain of this popular Primula.		
" Apple Blossom.	Soft pink.....	\$1.25	\$0.40
" Kermesina.	Deep crimson.....	1.25	.40
" Deep Rose.	Brilliant shade.....	1.25	.40
" Rosea.	Pink.....	1.25	.40
" Salmon Queen.	.....	1.25	.40
" Mixed Colors.	.....	1.25	.40
Grandiflora Alba.	White.....	.75	.20
" Coerulea.	Blue.....	.75	.20
" Hamburg Rose.	.....	.75	.20
" Kermesina.	Crimson.....	.75	.20
" Lilacina.	Pale lilac.....	.75	.20
" Rosea.	Pink.....	.75	.20
" Hybrida.	Mixed.....	.75	.20

### PRIMULA, VARIOUS SORTS

Kewensis ( <i>Verbena Scented Yellow Primrose</i> ).	Bright yellow flowers on long stems; very fragrant.....	.75	.25
Malacoides ( <i>Improved Baby Primrose</i> ).	Tall graceful spikes of delicate lilac flowers.....	.75	.20
Malacoides Alba.	Flowers pure white.....	.75	.20
Malacoides, King Albert.	Soft rose; very large flowers; a splendid novelty.....	.75	.25
Malacoides, Princess Patricia.	Strong, robust grower; color, a beautiful lavender pink; flowers finely laced.....	.75	.25
Malacoides Superba.	Deep rosy pink; large.....	.75	.40

### HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

Large pkt. Pkt.

Japonica ( <i>Japanese Primrose</i> ).	One of the best hardy primroses for the garden; mixed colors.....	\$0.75	\$0.10
Veris ( <i>English Cowslip</i> ).	Fragrant flowers of various colors, in mixture; 6 inches.....	.60	.10
Vulgaris ( <i>English Primrose</i> ).	Canary yellow; very fragrant.....	.60	.10

### PUERARIA THUNBERGIANA

#### (Kudzu Vine)

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; its foliage is large and covers well; rosy purple pea shaped blossoms toward the end of August.....

.25 .10

### PYRETHRUM (Perennial)

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting.

Large pkt. Pkt.

Roseum.	Bright rose color; June; 2 feet.....	\$0.60	\$0.10
Ulinosum ( <i>Giant White Daisy</i> ).	Large, single white flowers; September; 3 to 4 ft.....	.60	.10
Hybridum Single Mixed.	Large flowers ranging in color from light pink to deep red, with bright yellow centers; June; 2 feet.....	.50	.10
Hybridum Double Mixed.....	.....	.75	.25

RESEDA. See Mignonette



Michell's Prize Chinese Primula

### RUDBECKIA (Coneflower)

Large pkt. Pkt.

Newmani.	Large yellow flowers with black center; perennial; very showy; 3 feet.....	\$0.40	\$0.10
Purpurea ( <i>Giant Purple Coneflower</i> ).	Hardy perennial; reddish purple flowers, with dark brown disc.....	.40	.10

### SALVIA

Farinacea. A perennial variety, but best grown as an annual; light blue flowers.....

.50 .10

### SAPONARIA

Ocymoides. Splendid hardy perennial rock plant; bright rose colored flowers; 9 inches.....

.25 .10

### SCABIOSA

Handsome perennial border plants; excellent for cutting.

Large pkt. Pkt.

Caucasica.	Soft blue; 3 feet.....	\$0.75	\$0.10
Caucasica Alba.	Pure white.....	.75	.10

### SCHIZANTHUS (Butterfly Flower)

One of our finest annuals; bears a profusion of pretty butterfly-like flowers of various colors; useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

Large pkt. Pkt.

Garraway's Hybrids. Flowers large, with handsome markings on a white, buff, rose, blue or purple ground.....

.75 .25

Hybridus Grandiflorus. Compact plants, with flowers of many shades; 12 inches.....

.30 .10

Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; flowers range from white with yellow center to pink with brown center; 1½ feet.....

.50 .20

### SIDALCEA

Rosy Gem. A handsome perennial, with long spikes of rosy pink flowers; 2 to 3 feet.....

.60 .15

### SMILAX

A greenhouse climber; foliage light green and very graceful; seed should be soaked 24 hours in warm water before sowing; 10 feet.....

oz., 50c. .25 .10

### SNAPDRAGON. See Antirrhinum

### STATICE (Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets; 2 feet.....

Large pkt. Pkt.

Incana Hybrida. Mixed colors.....

.25 .10

Latifolia. Large deep-blue flowers.....

.50 .10

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## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

SWEET ROCKET (*Hesperis*)

Large pkt. Pkt.

**Mixed.** An excellent perennial for naturalizing among shrubbery or for planting in a permanent border; fragrant white and purple flowers in mixture; 2 to 3 feet. . . . . \$0.25 \$0.10

## WINTER FLOWERING SPENCER SWEET PEAS

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the Southern states.

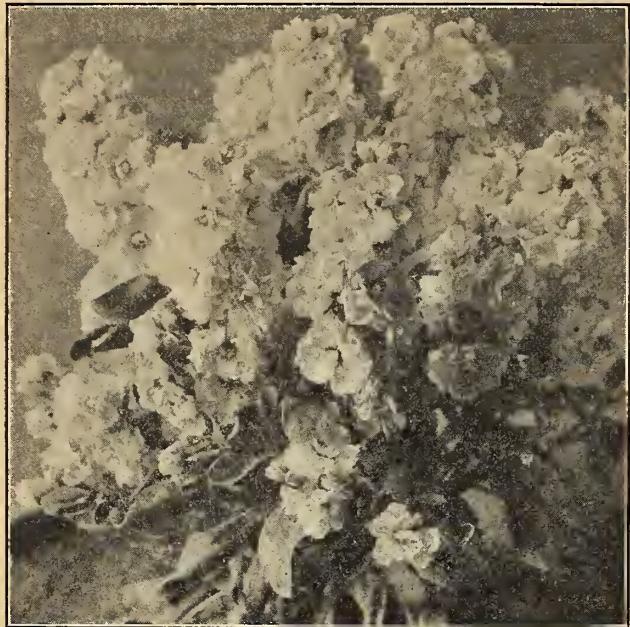
## NEWER VARIETIES

Pkt.  $\frac{1}{2}$  oz. Oz.

<b>Charm.</b> This variety has been exhibited under the name "Sweet Heart." Color, a warm glowing shade of rich rose pink which shades to a lighter tone towards the base of standards and wings. A light suffusion of salmon is noticeable overlying the standard	\$0.25	\$1.75	\$3.00
<b>Eldorado.</b> Pure orange salmon; continuous bloomer	.25	.90	1.50
<b>Giant Rose.</b> A large improved Zvolanek's rose color; an extra fine variety	.25	.90	1.50
<b>Gleam.</b> A new shade in Sweet Peas; very attractive and pleasing and is best described as bright geranium pink or soft salmon cerise; flowers very large and frilled	.25	1.75	3.00
<b>Morses' Superior Pink.</b> The flowers which are unusually well formed are a beautiful rose-pink, slightly shaded salmon	.25	1.75	3.00
<b>White Harmony.</b> A new and valuable variety; black seeded; flowers pure paper white of grand substance	.25	1.25	2.25

## GENERAL LIST

<b>Asta Ohn.</b> Rich lavender	.15	.40	.75
<b>Aviator.</b> Dazzling crimson scarlet	.15	.40	.75
<b>Blue Bird.</b> A charming shade of blue	.15	.45	.80
<b>Burpee's Orange.</b> Fine clear glistening orange; flowers of large size	.15	.60	1.00
<b>Canary Bird.</b> Rich deep cream or primrose	.15	.40	.75
<b>Chevalier.</b> Rose color with slight yellow tinge toward the base; extra large	.15	.50	.90
<b>Columbia.</b> Salmon color standard; white wings	.15	.40	.75
<b>Fire King.</b> Deep orange scarlet	.15	.40	.75
<b>Flamingo.</b> Standard orange and salmon, wings orange pink	.15	.40	.75
<b>Florence Michell.</b> The best deep blue to date; very free flowering	.15	.75	1.25
<b>Gilda Gray.</b> Standard a lovely shade of salmon cerise, overlying a bright pink; wings Hermosa pink	.15	.60	1.00
<b>Glitters (Early Royal Scot).</b> Standard fiery orange; wings deep orange	.15	.40	.75
<b>Glorious.</b> A charming shade of rose purple	.15	.40	.75
<b>Harmony.</b> A beautiful clear lavender	.15	.50	.90
<b>Heatherbell.</b> Mauve lavender	.15	.40	.75
<b>Jeanne Mamitsch.</b> One of the most notable introductions in Sweet Peas; flowers large, on long stems; color, a beautiful shade of rose pink	.15	.60	1.00
<b>Lavender King.</b> Rich, deep lavender	.15	.40	.75
<b>Madonna.</b> Giant white; black seeded	.15	.40	.75
<b>Miss Louise Gude.</b> Color, shell pink	.15	.40	.75
<b>Mrs. Kerr.</b> Flowers of immense size; color, rich salmon, overlaid with soft orange	.15	.60	1.00
<b>Pink Profusion.</b> A sparkling shade of rich pink; flowers large, with both standard and wings waved and crinkled	.15	.60	1.00
<b>Rose Dore.</b> Beautiful rose pink, suffused gold, with orange shading	.15	.60	1.00
<b>Rose Queen.</b> Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose pink $\frac{1}{4}$ oz., \$1.25	.50	2.25	4.00
<b>Snowstorm (Improved).</b> White; extra large	.15	.40	.75
<b>Yarrawa.</b> Color, a pleasing shade of bright rose pink with lighter wings	.15	.40	.75
<b>Zvolanek's Rose.</b> Extra large; rose pink	.15	.50	.90
<b>Mixed Colors.</b> Winter Flowering Spencer	.10	.30	.50



Michell's Flower Market Stock

## Michell's "Distinctive" Stocks

The stock is one of the most popular and highly prized of our cultivated flowers; charming colors, delightful fragrance and of free blooming character. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

## MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; free bloomer; large, double fragrant flowers; especially desirable for use as a pot plant. For winter blooming, sow from July to September.

	Large pkt.	Pkt.
<b>Abundance.</b> Dwarf, spreading habit; carmine-rose	\$0.50	\$0.15
<b>Beauty of Nice.</b> Charming delicate pink	.50	.15
<b>Crimson King.</b> Deep red	.50	.15
<b>La Brilliante.</b> Rich brilliant crimson	.50	.15
<b>Midsummer Night.</b> Deep, dark violet	.50	.15
<b>Monte Carlo.</b> Canary yellow	.50	.15
<b>Mont Blanc.</b> Pure white	.50	.15
<b>Old Rose.</b> An extra fine variety	.50	.15
<b>Queen Alexandra.</b> Delicate lavender	.50	.15
<b>Choice Mixed.</b> All colors	.50	.15

## MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large pkt.	Pkt.	Large pkt.	Pkt.	
<b>Blood Red.</b>	\$0.50	\$0.15	<b>Rose Pink.</b>	\$0.50	\$0.15
<b>Dark Blue.</b>	.50	.15	<b>White.</b>	.50	.15
<b>Flesh Pink.</b>	.50	.15	<b>Mixed.</b>	.50	.15
<b>Light Blue.</b>	.50	.15			

## EARLY GIANT IMPERIAL STOCK

## (Improved Bismarck)

A splendid addition to the early forcing class; of tall, branching habit, 24 to 30 inches high and producing a very high percentage of double flowers which are very fragrant.

	Large pkt.	Pkt.
<b>Apple Blossom.</b> Blush pink	\$0.60	\$0.25
<b>Chamois.</b> Ivory tinted old rose	.60	.25
<b>Fiery Blood Red.</b> Extra fine	.60	.25
<b>Lavender.</b>	.60	.25
<b>Rose.</b> Deep rose pink	.60	.25
<b>White.</b>	.60	.25
<b>Mixed Colors.</b>	.60	.25

## STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms; excellent for cutting; 1½ to 2 feet.

	Large pkt.	Pkt.
<b>Cyanaea.</b> Lavender blue	\$0.40	\$0.10
<b>" Alba.</b> White	.40	.10

## SWEET ALYSSUM. See Alyssum

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## SPENCER OR ORCHID FLOWERED SWEET PEAS

	Oz.	1/4 lb.	Lb.
Apple Blossom Spencer.	Rose and pink.	\$.35	\$1.00
Asta Ohn Spencer.	Rich lavender.	.35	1.00
Barbara.	Self-colored salmon.	.35	1.00
Blanche Ferry Spencer.	Pink and white.	.35	1.00
Commander Godsall.	Violet blue.	.35	1.00
Constance Hinton.	White; black seeded.	.35	1.00
Countess Spencer.	A lovely clear pink.	.35	1.00
Daffodil.	The best yellow variety (Pkt., 15c.)	.35	1.00
Defiance (New).	Orange scarlet (Pkt., 25c.)	1.25	4.00
Dobbie's Cream.	Deep primrose.	.35	1.00
Elegance.	Blush lilac, suffused pink.	.35	1.00
Elfrida Pearson.	Large shell-pink.	.35	1.00
Fiery Cross.	Intense orange scarlet.	.35	1.00
Florence Nightingale.	Large; lavender.	.35	1.00
Guinea Gold.	Orange shaded gold (Pkt., 15c.)	1.25	4.00
Hawlmak Lavender.		.35	1.00
Hawlmak Pink.		.35	1.00
Helen Lewis.	Orange pink.	.35	1.00
Hercules.	Giant pure pink.	.35	1.00
King Edward Spencer.	Crimson scarlet.	.35	1.00
King White.	Extra large; pure white.	.35	1.00
Mary Pickford.	Cream pink suffused salmon (Pkt., 25c.)	1.25	4.00
Mrs. Tom Jones.	Bright blue.	.35	1.00
Orchid Improved.	Fine lavender pink.	.35	1.00
Picture.	Pale pink suffused apricot.	.35	1.00
Royal Purple.	Rich purple.	.35	1.00
Snowball.	An extra fine white (Pkt., 25c.)	2.25	7.50
Warrior.	Maroon flushed bronze.	.35	1.00
Wedgewood.	A lovely self blue.	.35	1.00
White Spencer.	Pure white.	.35	1.00
Micell's Superb Spencer Mixture.		.25	.60

Price, any of the above varieties, except where noted, 10c. per packet.



Single Sweet William

SWEET WILLIAM (*Dianthus Barbatus*)

One of the finest hardy perennial plants; of easy culture, thriving in any good garden soil. The plants grow about 1½ feet high, and are very effective in beds and borders.

Large pkt. Pkt.

Auricula Flowered.	A beautiful class of "eyed" single varieties; all colors mixed.	oz., 75c.	.25	.10
Single Crimson.		oz., 75c.	.25	.10
" Newport Pink.	Salmon pink.	.50	.15	
" Scarlet Beauty.	Deep scarlet.	.50	.15	
" Velvety Maroon.		oz., 75c.	.25	.10
" White.		oz., 75c.	.25	.10
" Mixed.	All colors.	oz., 50c.	.25	.10
Double Mixed.		oz., 90c.	.25	.10
Annual Single Mixed.		.50	.10	

## THALICTRUM (Meadow Rue)

Very graceful perennial plants with finely cut foliage; excellent for the hardy border. Large pkt. Pkt.

*Aquilegafolium.* Columbine like foliage; feathery white flowers. . . . . \$0.60 \$0.10

*Dipterocarpum.* Rosy purple, with yellow anthers. .75 .10

## TRITOMA (Red Hot Poker)

*Hybrida Mixed.* A free blooming hardy perennial; large spikes of flowers. . . . . .50 .10

## TROLLIUS (Globe Flower)

*Hybridus.* Hardy perennial, with large, buttercup-like, bright yellow flowers; 2 feet. . . . . .75 .15

## VALERIANA (Garden Heliotrope)

Hardy perennial border plants; large fragrant flowers, the odor resembling that of the heliotrope; 2 to 3 feet. Large pkt. Pkt.

*Mixed Colors.* . . . . . \$0.25 \$0.10

## VERONICA (Speedwell)

An elegant hardy perennial plant of easy culture and free flowering habit; of value as a cut flower or for the garden.

Large pkt. Pkt.

*Longifolia.* Rich blue; 2 feet. . . . . \$0.50 \$0.10

*Spicata.* Bright blue; 18 in. . . . . .50 .10



Viola, Cornuta

## VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form and while not quite as large, they bloom more profusely and for a longer time. They are of long stems, and appear uninterruptedly from early spring till snow flies.

Large pkt. Pkt.

*Admiration.* Dark blue. . . . . \$0.60 \$0.10

*Apricot.* Apricot yellow, tinged orange. . . . . .75 .20

*Mauve Queen.* Lovely mauve color. . . . . .60 .10

*Perfection.* Light blue. . . . . .60 .10

*White Perfection.* Large white. . . . . .60 .10

*Yellow Perfection.* Golden yellow. . . . . .60 .10

*Mixed.* All colors. . . . . .50 .10

Large pkt. Pkt.

*Mixed.* From the best named Scotch varieties. . . . . \$0.50 \$0.25

## VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the *Viola Cornuta*.

Large pkt. Pkt.

*Mixed.* From the best named Scotch varieties. . . . . \$0.50 \$0.25

VIOLET, Sweet Scented (*Viola Odorata*)

*Single Blue Czar.* Dark blue. . . . . \$0.75 \$0.10

## WALLFLOWER

Half-hardy perennials of delicious fragrance, blooming early in the spring. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet.

Large pkt. Pkt.

*Double Brown.* . . . . . \$0.60 \$0.10

" Yellow. . . . . .60 .10

" Mixed. All colors. . . . . .60 .10

*Single Mixed.* . . . . . oz., 40c. .25 .10

*Paris Extra Early.* A single-flowering variety, which may be treated as an annual; 1½ feet.

Large pkt. Pkt.

*Paris Extra Early Blood Red.* . . . . . \$0.25 \$0.10

*Paris Extra Early Yellow.* . . . . . .25 .10

*Paris Extra Early Mixed.* All colors. . . . . oz., 60c. .25 .10

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# MICHELL'S DORMANT FIELD-GROWN ROSES

## FOR FALL PLANTING

Many of the most successful Rose growers prefer planting their Roses in the Autumn. We are now booking orders for strong two-year-old Field-Grown budded plants, which will be ready for shipment just as soon as they are properly ripened by frost, which is usually late in October or early in November. Plants shipped in the dormant state take up but very little room and they may be safely shipped by parcel post. If there is danger of the ground freezing before the arrival of the plants, the space where you wish to plant them may be protected by a covering of leaves or other loose litter. When the plants arrive, plant them so that the bud is covered with at least one inch of soil; then make a mound of earth around the base of the plant about twelve inches high; by doing this all of the buds on the lower end of the branches are covered with soil; this covering protects them from the alternate freezing and thawing, which is so injurious. Early in the Spring, before growth starts—but after danger of severe frost is over, this covering of earth should be removed and the plants pruned.

**Briarcliff.** A sport from Columbia, having all of the good qualities of its parent but of a more brilliant color, being a clear rose-pink. Long pointed buds, very fragrant and a vigorous grower.

**Columbia.** One of the most popular of the newer roses, being a vigorous grower and very free flowering. The flowers are of a pleasing shade of rose pink, large, fragrant and perfect in form.

**Etoile de France.** Well formed buds that develop into full open flowers of red and soft velvet crimson, shading to vivid cerise. One of the very best and most dependable Roses of its color; needed in every garden.

**Gruss an Teplitz.** This is a rose for everybody, being the most profuse blooming crimson rose in existence. The color is of the richest scarlet, shading to a velvety crimson; very fragrant. It will succeed under the most ordinary conditions, doing well where other roses fail.

**H. V. Machin.** A good strong grower, producing large flowers of excellent quality, deep scarlet-crimson in color.

**Jonkheer J. L. Mock.** A favorite with hundreds of Rose lovers. The flowers are extra large and of more than ordinary beauty. The bright cherry red on the outside of the broad petals and the shining silvery white on the inside make a double-colored bloom.

**Kaiserin Augusta Victoria.** An old variety but still one of the best and it should be in every collection. In color it is a soft pearly white tinted with lemon.

**Killarney Queen.** Another excellent development of the Killarney family, bearing distinct clear pink blooms, somewhat darker than the parent sort, these blooms being large and well-formed.

**Lady Alice Stanley.** A rose that is admired by every one, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple flesh on the inside.

**Lady Ashtown.** Extremely beautiful flowers of pale carmine-pink, shading to golden yellow at the base of the petals. The blooms are large, globular, and well formed, rather higher in the center than at the edge. Excellent for garden or greenhouse and a profuse bloomer all season until frost.

**Los Angeles.** A wonderful American Rose, introduced in 1917 and described by the originators as follows: "Los Angeles is by all odds one of the finest Roses ever introduced. In color a luminous flame pink toned with coral and shaded with translucent gold at the base of the petals. In fragrance it is equal in intensity to the finest Marechal Neil. The buds are long, pointed and extend into a flower of mammoth proportions. The growth is vigorous to a degree. The beauty of the form and ever increasing wealth of color are maintained from the incipient bud until the last petal drops."

**Mme. Alexander Dreux.** A desirable garden Rose of vigorous, compact free flowering habit. The flowers are a brilliant coppery-yellow, deep and full. A very pretty Rose, splendid for cutting.

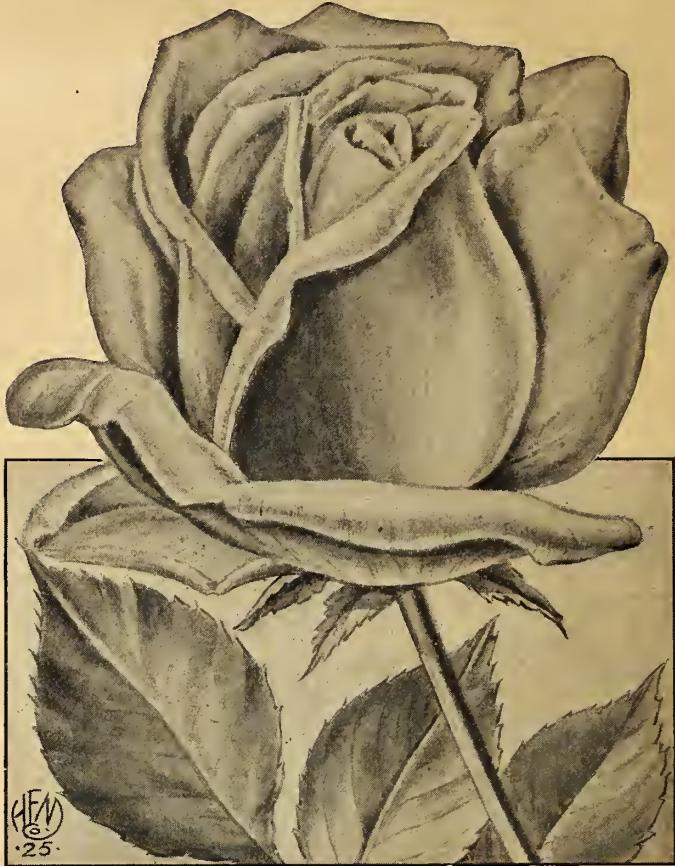
**Mme. Butterfly.** While this is a sport of Ophelia, it shows an even better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold. These flowers are in the ideal Rose form, of good texture and fragrance, and are unusually enduring. The plant is free and fine in growth and habit.

**Mme. Caroline Testout.** One of the most popular and valuable bedding varieties; large globular flowers of bright satiny rose with brighter center. Strong vigorous grower; very free flowering and fragrant; particularly fine in Autumn.

**Mrs. Aaron Ward.** A very free blooming variety of vigorous but compact growth. The flowers, which are of splendid form are full double and are equally attractive when in full bloom as in the bud state. The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. A favorite everywhere.

**Mrs. Mackellar.** Large, finely formed and fragrant; buds and blooms of saffron-yellow, passing to pearly primrose.

Price, any of the above (except where noted), \$1.00 each (by P. P., \$1.10); per doz., \$11.00 (by P. P., \$12.00); \$90.00 per 100.



Hybrid Tea Rose, *Lady Ashtown*

**Ophelia.** This is a variety that has made such a record for itself, that it must be classed among the very best, a rose that is admired by everybody. The flowers held erect on long stems are of perfect form, are of a pleasing shade of light salmon flesh shading to pale yellow at the base of the petals.

**Premier.** A good strong grower, producing large, brilliant deep pink flowers on long stems; very fragrant and particularly good in late summer and fall.

**Radiance.** A Rose of American origin and to our mind one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the Summer when many other varieties are out of bloom; in color a beautiful even shade of pink. This Rose should be in every garden.

**Red Radiance.** A counterpart of Radiance from which it is a "sport," possessing all of the good points of that valuable variety, but differing in color, which is bright cerise-red.

**Souvenir de Claudius Pernet.** A most vigorous grower of erect branching habit; beautiful, brilliant green foliage; long pointed buds of exquisite shape, carried on long, stiff stems. Very large full flowers with elongated deep petals, a beautifully formed bloom. Color, a most striking sunflower-yellow, deeper in the center without any color blending and which is retained without fading even in the warmest weather.

**Souv. de Georges Pernet.** A strong vigorous grower and free bloomer. The flowers are large, globular in form; color, Orient red shading to a cochineal-carmine at the end of the petals, the whole being suffused with a golden sheen.

**Templar.** A beautiful red Rose with long pointed buds opening into very large double flowers; very good early in the season and late in the autumn.

# MICHELL'S DORMANT FIELD-GROWN ROSES

## FOR FALL PLANTING

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Hybrid Perpetual Rose, Ulrich Brunner

### HARDY HYBRID PERPETUAL ROSES

Before the development of the Hybrid Teas, this was the most popular type for garden planting and even now they should not be overlooked, but should be used extensively in conjunction with the other sorts. They are perfectly hardy and of vigorous growth, blooming tremendously in June and sometimes sparingly in Autumn. Hybrid Perpetuals are taller in growth and need more space than the Hybrid Teas; in pruning cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

**Frau Karl Druschki.** This is the queen of all white roses both in size and purity. The flower is very double and opens to a pure snow white. The growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the Fall.

**Magna Charta.** An old variety of great merit. The blooms are of large size, in color a bright pink suffused with carmine. It is very fragrant and free flowering.

**Paul Neyron.** Probably the largest rose in cultivation; in color a clear pink shading to soft rose and having a delightful fragrance. A strong vigorous grower.

**Ulrich Brunner.** Bright cherry red flowers of large size and good form, produced freely on long stems. An old favorite and very desirable.

### BABY RAMBLER ROSES

These are very popular for bedding purposes, growing about 18 inches high and producing a great profusion of immense trusses of small flowers from early in the season until severe frost. Pruning is not necessary, simply remove the last season's flower stems.

**Ideal.** The darkest in color of the Baby Ramblers, a rich garnet; very free flowering and outstanding.

**Mme. Norbert Levavasseur.** This is well known as the Crimson Baby Rambler and one of the most popular varieties.

**Orleans.** One of the best, flowers of comparatively large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, large white center; a very pretty color combination.

Price, any of the above, \$1.00 each (by P. P., \$1.10); per doz., \$11.00 (by P. P., \$12.00); \$90.00 per 100.

### HARDY CLIMBING AND RAMBLER ROSES

As an ornamental plant for covering verandas, porches, side walls, pillars, fences, etc., these are unequalled, calling forth more admiration than anything else that can be used. They require no pruning in the Spring beyond the cutting out of very old or dead wood and shortening of the laterals and long canes to make the growth conform to the space to be covered, but a severe pruning in July directly after they have finished flowering is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

**American Pillar.** The large single flowers are a lovely shade of cherry pink, with a clear white eye surrounding numerous golden yellow stamens.

**Aviateur Bleriot.** A strong growing plant with beautiful glossy insect and disease proof foliage, bearing large clusters of medium full sized double flowers of a saffron yellow dispersing to an almost golden yellow in the center.

**Bess Lovett.** Resembles Climbing American Beauty in shape of flower, but much brighter in color, being a clear bright red, double, full cupped form and of notable lasting quality.

**Christine Wright.** A beautiful rose of strong climbing habit, producing double flowers 3 to 4 inches in diameter, singly and in clusters, of a wild rose pink.

**Climbing American Beauty.** The name of this rose is rather misleading, yet on its own merits it is a splendid climber. It has but one blooming season, June, when it bears very abundantly a very bright self colored, medium pink flower of moderate size.

**Dr. W. Van Fleet.** One of the most important climbing roses, having perfectly formed buds, long and pointed, deep pink in color and very solid. The full blown flowers are very large, borne on long stems, fragrant and fine for cutting.

**Dorothy Perkins.** Beautiful shell pink, fragrant and full, blooming in clusters in June. The most popular of all climbing roses during the past few years. This is a very good rose for covering stone walls, fences, embankments and arbors.

**Emily Gray.** In this we have a real yellow climbing Rose as hardy as Dr. Van Fleet. The buds are long and pointed, of splendid shape; in color a beautiful light orange-yellow, changing to pale orange as they expand; they are borne on stiff stems of sufficient length for cutting; these stems are of a crimson-red color, which together with the unusually dark green, glossy, holly-like foliage, adds a charm to the flowers and makes the plant, even when out of bloom, a most ornamental object.

**Excelsa.** Here we have a worthy successor to Crimson Rambler, being equally as free flowering as that variety but without its unsatisfactory foliage, this variety being a true Wichuriana rambler with all of the strong wiry growth and beautiful foliage of this desirable class. Really the best double red rambler.

**Gardenia.** A very desirable Yellow Climbing Rose. The flowers are of a pleasing shade of yellow in bud form, turning to a creamy white as the flowers open.

**Jacotte.** A wonderful new yellow climbing rose with bright glossy green foliage and sweet scented orange-yellow flowers. One of the best climbers.

**Paul's Scarlet Climber.** No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

**Silver Moon.** An indispensable hardy climber having long well shaped buds, creamy yellow on first appearance, opening into immense Clematis like flowers of a waxy whiteness. The center is a mass of bright yellow stamens, making a wonderful contrast.

**Tausendschoen.** The individual flowers are of a most elegant and graceful form. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of the petals when fully expanded. The flowers are produced in trusses, each truss almost a bouquet in itself.

**White Dorothy.** A handsome pure white sport from the old favorite Dorothy Perkins, and it has all of the finer qualities found in that charming variety.

Extra strong plants of any of the above, \$1.00 each (by P. P., \$1.10); doz., \$11.00 (by P. P., \$12.00); \$90.00 per 100.

# MICHELL'S HARDY PERENNIAL PLANTS

Year by year these old fashioned hardy flowers are gaining favor and deservedly so, as there is not a time during the whole flowering season when some variety is not in bloom; they are especially valuable during the late Summer and Autumn, when there are but few shrubs in bloom. From early April they continue with constant changing variety throughout the Summer and Fall, when they are stopped only by severe freezing weather. Hardy Perennials appear year after year, and as each variety has a fixed time for blooming, a selection can be made that will give flowers to cut from early Spring until late Fall. The most satisfactory arrangement is to plant them in a border, which can be made in front of a hedge, fence or wall, or in the open garden; the soil should be dug to a depth of 18 inches or two feet, pulverizing it thoroughly and working in a liberal quantity of well decomposed stable manure or other fertilizer. The plants should be placed in groups of three or more of one variety together, the taller growing sorts at the back, the medium heights in the center and the dwarf varieties in front; they should also be placed so as to have some flowers in all parts of the border at all times. This can be easily arranged by referring to our descriptions as to the time of flowering. Our book on "The Hardy Flower Garden" is an instructive publication, and it can be had free on request. We offer here only such varieties as can be planted in the autumn.

All plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants or small numbers of plants by Parcel Post, and if wanted sent in this way add the amount as stated in connection with the item, to cover postage and packing charges.

## SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply plants of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipment.

### ACHILLEA (Milfoil or Yarrow)

**Filipendulina** (*Fern-leaved Yarrow*). Finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

**Millefolium Cerise Queen** (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

**Ptarmica Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centers, which makes it appear purer in color. — **The Pearl**. A mass of double pure white flowers throughout the entire Summer. The strong erect stems make it one of the best Summer flowers for cutting.

**Tomentosa** (*Wooley Yarrow*). Handsome cut foliage with bright yellow flowers. June; 12 inches.

Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

### ACONITUM (Monkshood or Helmet Flower)

**Fischeri**. A dwarf variety growing 18 inches high, with large pale blue flowers in September and October.

**Spark's Variety**. The darkest blue of all; flowers in June; 3 feet. Price, 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz.; per 100, \$25.00.

### AGROSTEMMA (Rose Campion)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers, produced during June and July.

**Coronaria** (*Mullein Pink*). Bright rosy crimson; 2½ to 3 feet.

**Coronaria Alba**. A pure white variety.

Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

### ALYSSUM (Gold Dust or Basket of Gold)

**Saxatile Compactum**. An excellent low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden yellow flowers. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

### ANCHUSA (Sea Bugloss)

**Italica "Dropmore Variety."** Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue, Forget-me-not-like flowers in June; showy and valuable. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

### AQUILEGIA (Columbine)

For spring blooming these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their attractive foliage, during May and June. For rockery gardens, semi-shaded places, in hardy borders or planted in clumps, they are very effective.

**Michell's Long Spurred Hybrids**. This is the most admired type of Columbines. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

**Canadensis** (*Common American Columbine*). The native bright red and yellow variety and one of the brightest.

**Chrysantha** (*Golden Columbine*). Bright yellow, long-spurred flowers.

**Coerulea** (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

**Mrs. Scott Elliott Hybrids**. The world's finest strain, consisting as it does of the most wonderful colors, with very long-spurred flowers.

**Rose Queen**. A newer variety of a pleasing shade of delicate pink, long-spurred flowers.

**Vulgaris** (*Common European Columbine*). Violet blue.

Price of Aquilegias, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.



*Aquilegia (Columbine) Long Spurred*

### ARABIS (Rock Cress)

**Alpina**. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Lasts for a long time in bloom. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

### ARMERIA (See Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

**Laucheana Rosa**. Bright rose.

**Laucheana Alba**. White.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

### ASCLEPIAS (Butterfly Weed)

**Tuberosa**. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**ARTEMISIA**

A most useful class of plants either for the border or for filling in within shrubbery; ornamental foliage. The varieties we offer stand cutting down to 5 or 6 inches when used in carpet bedding. *Abrotanum* (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

*Stelleriana* (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

*Lactifolia*. A variety of great merit; flowers white, in much branched panicles; very fragrant; 4 ft.; Aug., Sept. Should be planted in fertile, moist soil.

Price of *Artemisias*, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**HARDY ASTERS**

Tall-flowering, stately plants, which may be used with splendid effect in borders or in clumps, as specimens on lawns, in large groups or beds. They form the basis of a color scheme in a perennial border during the months of September and October, and last well into November. They thrive equally well in sun or partial shade. For cutting they are invaluable.

**FALL FLOWERING VARIETIES**

*Anita Ballard*. Light Lobelia blue, shading to lighter center. Early and free. 3 feet.

*Autumn Beauty*. An exquisite shade of light blue; very large flowers, commencing to bloom in the late summer and continuing almost up to frost time; height, about 4 feet.

*Blue Gem*. Large, rich violet-blue; 3 feet.

*Glory of Colwall*. A splendid improvement on the variety *Beauty of Colwall*; good-sized, nearly double ageratum-blue flowers; free flowering; 2½ feet; September and October.

*Miss Eisele*. Very large flowers of a beautiful lavender blue; one of the best; 3 feet.

*Novae Angliae*. Bright violet purple; 4 feet.

*Novi Belgii Climax*. Of strong, vigorous habit, 5 feet high; branched pyramidal-shaped flower stems; lavender-blue flowers. August-October.

*Roseum Superbum*. This is one of the best hardy *Asters* we have ever seen. The color is almost red; profuse bloomer.

*Sam Banham*. Very large and graceful pure white flowers. One of the earliest to bloom; 3 feet.

*St. Egwin*. Densely branched, producing beautiful pink flowers; 3 feet; September.

Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**DWARF ALPINE ASTERS**

*Alpinus*. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

*Alpinus Albus*. Identical to the above, but with pure white flowers.

Price of Alpine *Asters*, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**JAPANESE HARDY ASTER**

*Mauve Cushion*. A distinct species. Forms a circular cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. Flowers of delicate, soft mauve, with silvery white reflection, over 1¼ inches in diameter and produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November. 2 for \$1.00 (by P. P., \$1.20); \$5.00 per doz.; per 100, \$30.00.

**ASTILBE ARENDSSI**

This new type is the result of crossing *A. Davidi* with *A. Japonica Compacta*, *Astilboides* and *Thunbergi*. The plants are of very vigorous growth, 2½ to 3½ feet high, producing many branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil.

*Diamant*. Pure white flowers in loose clusters.

*Gloria*. Feathery spikes of deep pink flowers, shaded carmine.

*Granat*. Dark crimson; one of the darkest colors yet introduced.

*Hyacinth*. A beautiful mauve-rose.

*Salmon Queen*. Graceful panicles of a beautiful salmon pink.

*Vesta*. Very graceful plumes of light lilac-rose.

Price, 2 for \$1.00 (by P. P., \$1.15); \$5.00 per doz.

**BOCCONIA****(Plume Poppy, or Tree Celandine)**

*Cordata*. A noble, hardy perennial, beautiful in foliage and flower; adapted for planting in the shrubbery borders, center of beds and in bold groups in almost any position. It will grow in any soil or situation; 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color, during July and August. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

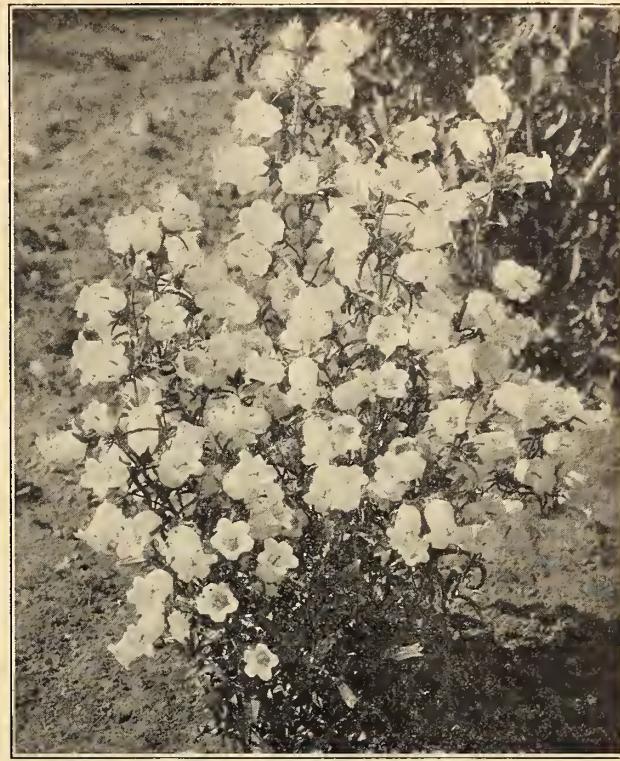
**BOLTONIA (False Chamomile)**

Among the showiest of our native hardy perennial plants, with large single, Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time, produces a very showy effect.

*Asteroides*. Pure white; very effective; 5 to 7 feet.

*Latisquama*. Pink, slightly tinged with lavender; 4 to 6 feet.

Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.



*Campanula—Medium*

**CAMPANULA (Bell Flower)**

Showy perennial plants of special merit; some are tall, being suitable for borders; others are dwarf, for rockeries and edging. They delight in a good rich loam, preferring a semi-shaded place.

*Calycanthema (Cup and Saucer)*. These are biennials and last only one season, when planted in the autumn. Pink, white and blue, each color separate; height, 18 inches; June-July.

*Medium (Old-fashioned Canterbury Bells)*. This is a biennial type, like the *Calycanthema* and will last only one season, when planted in the autumn. It flowers freely in June, July and August and grows 3 to 4 feet high. Blue, pink and white, in separate colors.

*Pyramidalis (Chimney Bell Flower)*. The most conspicuous of all *Campanulas*, forming a perfect pyramid 4 to 6 feet high of porcelain blue flowers in August.

Any of the above, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**HARDY BORDER CARNATIONS**

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of flowers next season. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**CENTAUREA (Hardheads or Knapweeds)**

Of easy culture, delighting in an open, sunny position and producing a wealth of bloom, which not only makes a fine display in the border but is excellent for cutting.

*Montana (Perennial Corn Flower)*. Grows 2 feet high, bearing large violet blue flowers from July to September.

*Montana Alba*. A large white variety of the above.

Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

# MICHELL'S HARDY PERENNIAL PLANTS

## CHRYSANTHEMUM

**Arcticum** (*The Arctic Daisy*). One of the most attractive fall-flowering perennials; forms a rosette-like clump of pretty dark green foliage during the Summer and early in the Fall sends up multitudes of large pure white flowers, which continue throughout October and frequently into November.

**Shasta Daisy, Alaska.** A decided improvement on the original variety; pure glistening white. Very free-flowering and in bloom all summer and fall. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## COREOPSIS

**Lanceolata Grandiflora.** Flowers rich golden yellow and of graceful form; fine for cutting. A few plants make a handsome display, either planted individually or in clumps; dozens of flowers are produced on a single plant and where quantity and quality are wanted Coreopsis should be planted; June till October. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## DELPHINIUMS OR HARDY LARKSPURS

In order to keep Larkspurs in bloom continuously during the summer, cut the old flower stems off, after they have faded and new shoots will produce flower heads in succession. To get the best out of hardy Larkspurs in the way of flowers, feed them occasionally during the growing season with an application of ground bone. A slight covering of long straw or leaves over the crowns of the plants during the winter will prove a great benefit.

**Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

**Bellamosum.** A dark blue form of Belladonna with which it is identical excepting in color, which is a rich deep blue.

**Chinense.** A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

**Chinense Album.** A pure white form of the above.

**Michell's Gold Medal Hybrids.** Unquestionably the finest strain of mixed hybrids offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price, any of the above. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.



*Dieleytra Spectabilis*

## DIELEYTRA OR DICENTRA

### (Bleeding Heart or Seal Flower)

**Spectabilis.** An old fashioned favorite, its long sprays of graceful heart shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. 2 for \$1.00 (by P. P., \$1.20); \$5.00 per doz. (by P. P., \$5.50); per 100, \$40.00.

## DIANTHUS (Garden Pinks)

For edging hardy borders, garden walks, or planted in rock gardens, these fill an important place. They are at their height of bloom in June.

**Deltoides** (*Maiden Pink*). A continuous flowering variety with pink flowers. Especially suited for rock work.

**Deltoides Alba.** White flowers.

**Latifolius Atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). A splendid variety with brilliant crimson, double flowers. Blooms continuously during the entire season.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## DIGITALIS (Foxglove)

These will do well in semi-shaded spots; plants grow from 4 to 6 feet high; flower in June.

**Gloxiniaeflora.** White, pink, purple, lilac, each separate. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## ERYNGIUM (Sea Holly)

**Amethystinum.** The finely cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## HARDY FERNS

The graceful plants grow on an average from 1 to 2 feet high, according to the variety and the clumps increase in size and beauty each year; they die down in winter and break forth again in May.

**Adiantum Pedatum** (*Maidenhair Fern*). 12 inch.

**Aspidium Acrostichoides** (*Christmas Fern*). 12 inch.

**Asplenium Filix Foemina** (*Lady Fern*). 12-15 inch.

**Cystopteris Bulbifera** (*Bulblet Bladder Fern*). 24 inch.

**Dicksonia Punctilobula** (*Gossamer Fern*). 18 inch.

**Onoclea Struthiopteris** (*Ostrich Fern*). 24-36 inch.

**Sensibilis** (*Sensitive Fern*). 12 inch.

**Osmunda—Cinnamomea** (*Cinnamon Fern*). 24 inch.

**Claytoniana.** 24 inch.

**Woodisia Ilvensis.** Excellent for rock-work, requiring little soil and thriving best in the sunniest corner. 6 inch.

Price, any of above, large plants, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (shipment via express, collect); per 100, \$18.00.

## GAILLARDIA (Blanket Flower)

Beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower and are abundant from June until frost. Height, about 2 feet.

**Grandiflora.** Dark brown center, petals on the outer edge are yellow and the center is surrounded with a rich orange disc. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## GEUM (Avens)

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May to July.

**Coccineum Mrs. Bradshaw.** Twice the size of the old double scarlet with huge frilled petals, giving a full, double appearance. 6 to 10 inches.

**Lady Stratheden.** Exactly the same habit of growth as Mrs. Bradshaw, but producing large, double golden yellow flowers. 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz.; per 100, \$18.00.

## GRASSES (Hardy Ornamental)

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

**Elymus Glaucus** (*Blue Lime Grass*). A graceful type; narrow silvery blue foliage; dwarf compact grower; height, 3 feet.

**Erianthus Ravennae** (*Plume Grass or Hardy Pampas*). Deep green narrow foliage, growing about 10 feet high.

**Eulalia Gracillima Univittata** (*Japan Rush*). Graceful narrow foliage, growing 5 to 6 feet high. Green with silvery rib.

**Eulalia Japonica Variegata.** An attractive variety with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

**Eulalia Japonica.** Like the variegated variety, except that it is entirely green.

**Eulalia Japonica Zebrina.** Dark green foliage, crossmarked horizontally golden yellow. One of the best of hardy Grasses.

**Phalaris Arundinacea Variegata** (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 inches.

**Pennisetum Japonicum** (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet.

Prices of Hardy Grasses, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## GYPSOPHILA (Baby's Breath)

During August and September this is a mass of delicate flowers; they may be used as fresh cut flowers, also for a semi-everlasting effect; they keep for months without water.

**Ehrlei.** A distinct new double form, producing immense panicles of pure white, double flowers. Strong grafted plants, \$1.00 each; per doz., \$10.00.

**Paniculata.** Feathery sprays of white flowers, useful for effects in bouquets. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

**Autumnale Rubrum.** Bright, terra-cotta red; 4 feet.

**Autumnale Superbum.** Golden yellow flowers in late Summer and Fall; 5 to 6 feet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; \$18.00 per 100.

## HELIANTHUS (Hardy Sunflower)

Very effective in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

**Maximiliana.** The latest of all, blooming profusely in October;

the fine golden yellow flowers appear in long graceful sprays;

splendid for cutting; 5 to 7 feet.

**Multiflorus Fl. Pl.** Large, double golden yellow; July-August; 4 feet.

**Orgyalis.** A tall variety bearing single yellow flowers of medium size during September; 6 feet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## HELIOPSIS (Orange Sunflower)

This genus is very similar to the Helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the summer.

**Pitcheriana.** One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting. 2 to 3 feet.

**Scabra Excelsa.** Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; \$18.00 per 100.

## HEMEROCALLIS (Yellow Day Lily)

Lily-like plants, flowering in great profusion during the summer and making a fine cut bloom.

**Dr. Regel.** Handsome, rich orange-yellow flowers in May. Very fragrant and fine for cutting.

**Flava (Yellow Day Lily).** Deep lemon yellow flowers during June and July; very fragrant; 2½ to 3 feet.

**Fulva (Tawny Day Lily).** Trumpet shaped flowers; coppery orange shaded crimson; June and July.

**Kwanso Flore Pleno (Double).** Coppery red; July; 3 feet high. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## HIBISCUS (Mallow)

**Giant Flowering.** A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season. They attain a height of 6 to 7 feet, have beautiful lacinated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors, red, pink and white or mixed colors. 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz.; per 100, \$25.00.

## HOLLYHOCKS (Double)

These thrive best in soil that is not too wet, which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plants in early spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer the following colors in double flowering only (each separate).

**Yellow, Crimson, Pink, White.** 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## IBERIS (Hardy Candytuft)

**Sempervirens.** Pure white flowers; 1 foot. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## LATHYRUS (Everlasting or Perennial Sweet Peas)

**Latifolius.** Large deep red flowers on long stems in constant succession; 6 feet.

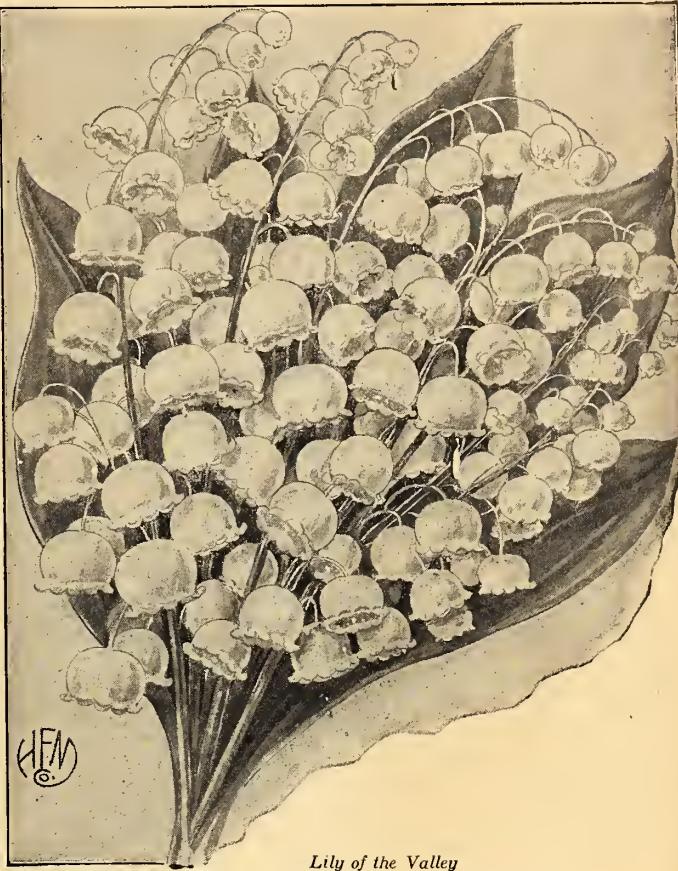
— **Pink Beauty.** Clusters of large beautiful shell-pink flowers.

— **White Pearl.** Most beautiful of all everlasting peas with pure white flowers.

Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## LIATRIS (Blazing Star, or Gay Feather)

**Pycnostachya.** Showy and attractive native plants, succeeding anywhere, producing spikes of light rosy-purple flowers in July and August; 5 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.



Lily of the Valley

## LILY OF THE VALLEY

Bundles, 60c. each (by P. P., 70c.); doz., \$6.50 (by P. P., \$6.75); \$50.00 per 100.

## LINUM (Flax)

**Perenne.** A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers all summer. 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz.; per 100, \$18.00.

## LOBELIA

**Cardinalis (Cardinal Flower).** Rich fiery cardinal flowers. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## LUPINUS (Lupins)

**Polyphyllus Blue.** Very showy.

**Polyphyllus White.** Polyphyllus Pink.

3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz.; per 100, \$25.00.

## LYCHNIS (Campion)

**Chalcedonica.** A most desirable plant; heads of brilliant orange-scarlet flowers in June and July; grows 2 to 3 feet high.

**Chalcedonica Alba.** A white-flowered form of above.

**Viscaria Fl. Pl.** Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red flowers; 1 foot.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## LYSIMACHIA

**Clethroides (Loose-strife).** A fine hardy variety about 2 feet high; dense, recurved spikes of white flowers from July to September.

**Nummularia (Creeping Jenny or Money-wort).** Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

# MICHELL'S SUPERB IRIS

## IRIS GERMANICA (Fleur de Lis)

### SUPERB NEW AND RARE VARIETIES

**Afterglow** (Sturtevant, 1917). Misty lavender lit with yellow at the center. Its name fits it perfectly as it has the soft tints of the evening sky after the sun has disappeared; 3 to 5 feet tall. 50c. each.

**Alcazar** (Vilmorin, 1910). Standards light bluish violet; falls deep purple, bronze veined at the throat. One of the very handsome dark purple Irises of fine type and excellent as a specimen plant. Its growth is robust and strong with widely branching flower stalks, bearing large blooms of waxy texture; 4 feet tall. 40c. each.

**Ambassadeur** (Vilmorin, 1920). Overlapping standards dull purplish bronze; lovely flaring falls, deep velvety maroon; beard and styles yellow. A strong grower, carrying large flowers of heavy substance which stand boldly erect. The coloring is exceedingly rich and striking; 4 feet tall. \$1.00 each.

**Colonel Candelot** (Millet, 1907). Standards bronze overlaid with red lavender; falls rich velvety crimson, yellow beard. A wonderfully beautiful Iris of dark red effect; 3 feet tall. 50c. each.

**Dream** (Sturtevant, 1918). A clear even pink. A delicate and beautiful Iris and a very close approach to the perfect pink self. A charming Pallida type; 3 feet. \$1.00 each.

**Lent A. Williamson** (Williamson, 1918). Standards lavender violet; falls velvety pansy purple, brilliant orange beard. Massive flowers of wonderful texture; growth unusually vigorous and robust; a marvelously prolific bloomer. 75c. each.

**Lord of June** (Yeld, 1911). Standards lavender blue; falls rich violet blue. The flower is very bold and full proportioned, the edge of the standards being notched and the falls slightly incurving. The standards are somewhat weak and do not stand up well under strong sun or heavy rain, but it is wonderful in ideal weather. 75c. each.

**Medrano** (Vilmorin, 1920). Rich rose purple, the falls encrusted with dark maroon, flecked with buff and lavender; very rare color but very attractive and outstanding. Blooms are of good size and stems medium height. \$1.00 each.

**Opera** (Vilmorin, 1916). Standards reddish lilac; falls purple violet, dark and velvety. A very prolific bloomer and robust grower. An Iris of wonderful coloring, so bright and rich as to attract the eye clear across the garden; attractive and desirable. 75c. each.

**Queen Caterina** (Sturtevant, 1917). A large iridescent pale lavender violet with yellow beard. The flower is of high quality, with domed standards and rounded, drooping falls. Vigorous robust grower, wonderful stems and remarkable bloomer. Most pleasing and satisfactory; 3 feet tall. \$1.00 each.

**Shekinah** (Sturtevant, 1918). Soft lemon yellow deepening to rich yellow around its bright orange beard. Unquestionably the first and one of the finest tall yellows ever produced. Majestic Pallida type. Very free flowering; 3 feet tall. 50c. each.

**Souv. de Mme. Gaudichau** (Millet, 1914). A brilliant velvety black purple. It has great size, splendid height, excellent substance, clear distinct color and wonderful vigor. Free blooming and striking in the garden, it is undoubtedly one of the finest Irises ever created; 40 inches tall. \$1.50 each.

**White Knight**. A beautiful pure white Iris of fine form and delicately scented. 75c. each.

### TWELVE CHOICE STANDARD VARIETIES

**Fro.** Standards deep gold; falls chestnut brown; a highly colored variety.

**Monsignor.** Standards satiny violet; falls velvety purple crimson, with lighter margin; very large flower.

**Mrs. Alan Gray.** Standards and falls delicate pale rosy mauve; medium early.

**Navajo.** Standards light bronzy yellow, shaded lavender; falls deep maroon, veined white and yellow; stigmas yellow; deep orange beard.

**Nibelungen.** Standards fawn yellow; falls violet purple with fawn margin; a handsome, large flowering variety.

**Pallida Dalmatica.** Standards and falls clear lavender blue shading to pale silvery blue at the base; large spreading flowers, sweetly scented. This variety is much confused with other Pallida types, which have been widely distributed under this name. The true Dalmatica can be easily distinguished by its form and light silvery shading at the base of the petals and its heavy glaucous foliage.

**Pallida Mandraliscae.** Rich, lavender purple; tall, large and handsome; very early.



*Iris Germanica*

**Powhatan.** Standards light bishop violet with deeper border; falls deep purple, shaded crimson; large, horizontal spreading flower.

**Queen of May.** Standards and falls lovely, soft rose lilac, almost pink.

**Sherwin-Wright.** Rich golden-yellow without markings and a strong grower make this the best clear yellow Iris to date. 40c. each; doz., \$3.50; \$25.00 per 100.

**Walhalla.** Standards light, lavender blue; falls satiny violet blue.

**Wyomissing.** Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh colored border.

Named sorts, any of the above (except where noted), 3 for \$1.00; \$3.00 per doz.; \$18.00 per 100.

**Mixed German Iris.** 6 for \$1.00 (by P. P., \$1.15); per doz., \$1.50 (by P. P., \$1.75); \$10.00 per 100.

### IRIS KAEMPFERI (Japanese Iris)

The King of all Iris and in popularity they can be classed with the Hardy Phlox and Peonies; coming into flower about the middle of June, they continue for five or six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower buds.

**Astarte.** Double; beautiful dark violet.

**Circe.** Double, dark violet-blue, delicately veined with white.

**Eume.** Single, deep violet-blue.

**Gekka-No-Nami.** The best early white, very free; pure glistening white with creamy center.

**Gold Bound.** A fine double pure white, enriched by a creamy glow from the gold banded center.

**Hercules.** Double; clear lilac-blue.

**Iso-No-Nami.** Double, soft blue with silvery veins.

**Patrocie.** Single, superb deep reddish-violet.

**Prosperine.** Single, bright rich blue, produced by sanding of velvety blue on white.

**Purple and Gold.** Enormous double flowers, ten inches across; early and free blooming; color, rich violet purple with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays.

**Reine de Bulgarie.** Soft lilac, lemon yellow throat; very good.

**Ski-No-Ryo.** Double, blue and white.

**Uchiu.** Double flowers of the largest size, beautiful blue with golden center.

Price, any of the above named sorts of Japanese Iris, 3 for \$1.00; \$3.50 per doz.; \$25.00 per 100.

**Mixed Japanese Iris.** All colors and shades. 4 for \$1.00; \$2.50 per doz.; per 100, \$18.00.

NOTE—If Iris are wanted by Parcel Post, add 10c per root; 15c per six roots; 25c per doz. roots, for postage

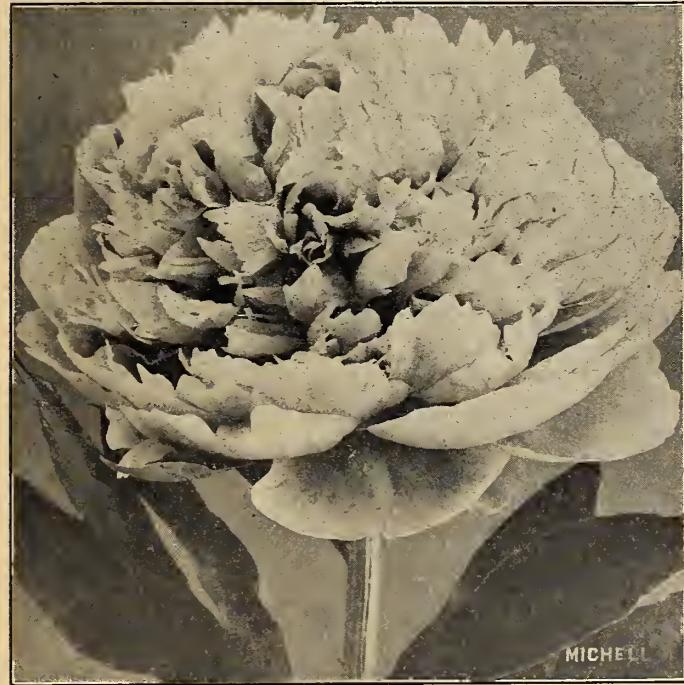
Next to Roses these are the most popular June flowers, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed—if you are unable to procure this, Bone Meal makes a good fertilizer. Peonies may be planted any time after September 1st until the ground freezes in the Autumn, and in the early Spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist cool weather of the Autumn and consequently carry through the Winter in better shape. The roots should be set so that the top or upper eyes are about two or not more than three inches below the level of the soil; do not set the roots flat, but stand them up. For best results Peonies should be planted from three to four feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times and in the Spring after growth starts they should have an abundance of water if the season is at all dry. When cutting the flowers always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season, in fact it is usually not until the third year that perfect flowers true to description will be produced. Peonies are seldom troubled with any disease or insect pests; ants sometimes appear on the buds coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.

**Adolph Rousseau** (*Dessert & Mechlin*, 1890). Early midseason.

Very tall strong grower with erect, stiff stems and large perfectly formed flowers; dark velvety red with garnet hues and a distinct metallic reflex. Very fine for the garden and especially desirable for landscape effects; semi-double type. \$1.50 each.

**Albert Crousse** (*Crousse*, 1892). Bomb type. Large, well-formed flowers of soft shell pink with faint salmon tints. Vigorous grower with tall erect stems; late. \$1.00 each.

**Baroness Schroeder** (*Kelway*). Rose type. Flesh white fading to milk white. Immense globular flowers of perfect form; of great lasting substance; ideal for cutting. Tall strong growth with rather light green foliage. Very free blooming, with exquisite rose fragrance that is most appealing. Does fine in southern localities; late midseason. \$1.25 each.



Peony, Claire Dubois

**Claire Dubois** (*Crousse*, 1886). Rose-type; late midseason. Rich, clear satiny pink with glossy reflex. Some describe this as a glorified Mons. Jules Elie. \$1.50 each.

**Couronne d'Or** (*Calot*, 1873). Semi-rose type; late. Immense, very full imbricated flat flowers. Solid and compactly built; pure white with a ring of yellow stamens around a tuft of center petals tipped carmine. The whole flower glows with a delightful golden light, gaining the title of "Crown of Gold." Medium tall, robust grower and very free bloomer. 75c. each.

**Eudis Superba** (*Lemon*, 1824). Crown type; very early. Beautiful ful, clear mauve-pink with silvery reflex. Decoration day Peony. 75c. each.

**Felix Crousse** (*Crousse*, 1881). Rose-type; late midseason. Rich, dazzling ruby-red without a tinge of purple, none better. \$1.00 each.

**Festiva Maxima** (*Miellez*, 1851). Rose type; early. The finest white in existence. Pure white with clear carmine spot on edge of center petal. 50c. each.

**Grover Cleveland** (*Terry*, 1904). Rose type. Very large and full dark crimson flowers. Strong vigorous grower with upright stems. Blooms in clusters; especially desirable on account of being practically the only late dark crimson. \$1.50 each.

**Grandiflora**—**Syn Henry Woodward** (*Richardson*, 1883). Rose type. Very large flat bloom of bright sea-shell pink overlaid with salmon pink. Unusually fragrant; blooms in clusters. Strong tall erect grower. Its beauty, time of blooming and great reliability should commend it to everyone. \$1.50 each.

**Georgiana Shaylor** (*Shaylor*, 1912). Rose type. Large globular, compact flower with wide graceful petals; flesh pink, changing to a very delicate whitish flesh color in the center. Tall, compact, erect, strong grower and very free blooming. Late midseason. \$7.50 each.

**Germaine Bigot** (*Dessert*, 1902). Crown type. Very large compact flower, composed of broad petals. Color lilac rose, center prominently flecked crimson. Strong erect grower with medium tall stems; very free; midseason. \$1.00 each.

**Jubilee** (*Pleas*, 1910). Rose type. Extremely large flat flower, having long narrow petals arranged loosely, giving a feathery effect. Buds show delicate opal tints; as they unfold the color changes to ivory-white. Unlike other Peony buds, which are round, these are pointed like a rose. Fragrant; strong grower and free bloomer; long stems. A very distinctive variety and a great favorite; midseason. \$3.00 each.

**Karl Rosenfield** (*Rosenfield*, 1908). Semi-rose type; midseason. Very large globular compact flower. Rich dark crimson in color. Very strong, tall, compact grower and free bloomer. A brilliant and striking variety, attracting universal attention. \$2.00 each.

**Lady Alexandra Duff** (*Kelway*, 1902). An immense cup-shaped flower of rose type with wide imbricated petals. The color of the outer petals is delicate blush pink rapidly fading to lovely French white; central flower of rather flattened circular form; central petals have a touch of carmine. Lateral buds come in semi-double, waterlily-like flowers, exposing the anthers. Showy, fragrant, and very prolific. Robust, strong grower, thriving in all sections. \$3.00 each.

**La Tendresse** (*Crousse*, 1896). Rose type. Very full large flowers borne in clusters. Color, milk-white, sometimes splashed with carmine. Tall, strong grower, free bloomer and fragrant; midseason. 75c. each.

**Lord Kitchener** (*Renault*, 1916). Rose type; very early. Color a brilliant cherry-red, a most dazzling hue. Free bloomer, strong grower. \$2.00 each.

**Mme. Emile Lemoine** (*Lemoine*, 1899). Semi-rose type. Large, globular, compact flower. Color on first opening glossy-white, overlaid with minute lilac dots. Tall, strong grower and free bloomer. Very beautiful and one of the finest white varieties; midseason. \$1.00 each.

**Mme. Jules Dessert** (*Dessert*, 1909). Rose type. Exquisite flowers of large size; broad delicate petals of translucent texture. Color creamy-white, overlaid with a sheen of delicate blush, with a pronounced pink center, intermixed with golden stamens. Strong vigorous stems of perfect habit. A charming variety and should be in every collection; midseason. \$5.00 each.

**Mlle. Jeanne Riviere** (*Riviere*, 1908). Guard petals deep flesh, gradually changing lighter. Center petals narrower and of a deep cream shade. Tall, strong stems making this an especially valuable variety for garden or mass effects. An abundant bloomer; midseason. \$2.50 each.

**Marquis C. Lagergren** (*Dessert*, 1911). Semirose type; midseason. Large, bright velvety crimson with a distinct silvery border. One of the finest reds ever produced; especially good for mass planting. \$2.00 each.

NOTE—If Peonies are wanted by Parcel Post, add 10c. per root for postage.

# MICHELL'S GIANT FLOWERING PEONIES

**Mignon** (*Lemoine*, 1908). Rose type; globular flowers of soft light rose passing to amber cream. Broad imbricated petals form perfectly double blooms, which are delightfully fragrant and standing well above the luxuriant light green foliage. Rather dwarf; midseason. \$6.00 each.

**Milton Hill** (*Richardson*, 1891). Rose type; late. Flowers large, cupped, clear soft flesh color, turning nearly white in full sunlight before fading; one of the finest varieties in existence. \$5.00 each.

**Mons. Jules Elie** (*Crousse*, 1888). Bomb type. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Such a strong vigorous grower that it will produce enormous flowers on one year plants. Medium height, but very prolific bloomer. Early midseason. One of the most popular and meritorious varieties ever produced; excellent for both landscape work and cut flowers. \$1.50 each.

**Mons. Martin Cahuzac** (*Dessert*, 1899). Semi-rose type; mid-season. A perfect solid ball of deep maroon with garnet hues and brilliant black luster. Claimed by some to be the darkest Peony in existence. Strong vigorous grower and free bloomer. A very distinct and handsome variety and one that will appeal to everyone desiring a dark colored Peony. \$4.00 each.

**Primvere** (*Lemoine*, 1907). Bomb type. Large full blooms in clusters, with outer petals sulphur-white, center petals deep sulphur yellow. Tall, strong grower and free bloomer. Very fragrant and the yellowest Peony in existence. \$3.50 each.

**Reine Hortense**—*Syn. Pres. Taft* (*Calot*, 1857). Midseason. Enormous, compact flat flowers of soft flesh color deepening to shell pink, center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. A vigorous grower and profuse bloomer. Rose type. Fine for cut flowers and usually in bloom just about Decoration Day. \$2.00 each.

**Sarah Bernhardt** (*Lemoine*, 1906). Semi-rose type; late mid-season. Very large flower of perfect form, full and double, with twisted, imbricated petals. Color apple-blossom pink with each petal silver tipped. Strong grower, free bloomer and very fragrant. One of the finest and most dependable Peonies ever produced, attracting attention in every garden. \$2.00 each.

**Solange** (*Lemoine*, 1907). Rose type. A very large, full compact flower of indescribable beauty. Color rare, deep orange salmon at the heart overlaid with a delicate tender reddish-brown, a most unique color combination. The plant is a strong, robust grower and very abundant bloomer. Midseason. Considered as one of the most unusual and charming Peonies ever produced. \$5.00 each.

**Suzette** (*Dessert*, 1911). Semi-rose type; midseason. Bengal-rose lightly shaded carmine purple with silvery reflex. Strong stems; rare. \$1.00 each.

**NOTE**—If Peonies are wanted by Parcel Post, add 10c. per root for postage.

## MERTENSIA (Blue Bells)

**Virginica.** An early spring flowering plant growing 1 to 1½ feet high with drooping panicles of handsome light blue flowers fading to clear pink; May and June. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## MONARDA (Bergamot)

**Didyma Cambridge Scarlet** (*Oswego Tea*). Crimson scarlet. —**Rosea** (*Bee Balm*). Flowers of a rose color and sweetly fragrant foliage; 18 inches; July to September.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## NEPETA

**Mussini.** An excellent plant for rock gardens being a compact grower and forming tufts of small violet-blue flowers during July and August. 3 for \$1.00; per doz., \$3.00; \$18.00 per 100.

## OENOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, either in the border or on the rockery. **Missouriensis.** Large golden-yellow. 1 foot. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.

**Terminalis.** Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 3 for \$1.00 (by P. P., \$1.15); \$2.50 per doz. (by P. P., \$2.80); per 100, \$15.00.



Peony, Sarah Bernhardt

**Venus** (*Kelway*, 1888). Pale hydrangea-pink, collar lighter. Fragrance fine. Exquisite pointed buds opening into large compact flowers; very fragrant. Valuable both as a cut flower and for garden planting. Tall, free bloomer; midseason. \$1.00 each.

## PEONIES IN COLORS

	Each	Doz.	100
Double Pink.....	\$0.50	\$5.00	\$35.00
Double Red.....	.50	5.00	35.00
Double White.....	.50	5.00	35.00
Double Mixed.....	.40	4.00	30.00

## PENSTEMON (Beard Tongue)

Most useful showy perennials, either for the border or rockery. They are perfectly hardy.

**Barbatus Torreyi.** Spikes of brilliant scarlet flowers; height, 3 to 4 ft.; June to August.

**Digitalis.** Large spikes of long purple-white flowers with purple throats, during June and July. 2 to 3 feet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PHYSALIS (Chinese Lantern Plant)

**Franchetii.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high and producing freely bright orange scarlet, lantern-like fruits; highly interesting. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PHYSOSTEGIA (False Dragon-Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

**Grandiflora Vivid.** A new variety growing from 18 to 24 inches high, bearing a profusion of bright violet-mauve flowers.

**Virginica.** Bright but soft pink.

—**Alba.** Pure white; very fine. 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz.; per 100, \$18.00.

Among hardy herbaceous plants none are more easily grown than these. They are perfectly hardy, succeeding in any garden soil and produce magnificent spikes of showy and lasting flowers year after year with comparatively little care. They are indispensable for brilliant, bold color effects in mass during late summer and autumn, as it would be difficult to maintain the display of dazzling color without them during July and August, at a time when there is hardly anything else in bloom that can be depended upon.

**Baron von Dedem.** Deep pink, suffused orange; immense trusses.

**B. Comte.** Brilliant rich French purple.

**Deutschland (New).** The brightest red Phlox ever introduced; a brilliant red with crimson eye.

**Eclaireur.** Brilliant rose-magenta, with lighter halo.

**Elizabeth Campbell.** Bright salmon-pink, with lighter shadings and dark red eye.

**Eugene Danzanvilliers.** Delicate lavender; a very attractive and decorative color; immense flowers. The peer of its color.

**Europa.** Blush white, with a large deep pink center; the flower truss is very large, while the florets are also of gigantic size.

**Jules Sandeau.** Dwarf; very large flowering; pure pink; an extra fine variety.

**Mrs. Jenkins.** The best pure white.

**Mrs. Milly Van Hoboken (New).** Enormous trusses of bright pink flowers; very showy and outstanding.

**Rheinlander.** Deep salmon pink, with a distinct bright red eye.

**Rheinstrom.** A splendid new phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.

**Thor.** Deep salmon pink, suffused with scarlet; a white halo surrounds the aniline red eye.

Price of all varieties Hardy Phloxes, except where noted, extra strong roots which will flower the first season, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$16.00.

## PHLOX SUFFRUTICOSA

**Miss Lingard.** Pure white, with a lilac eye; very early. 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PHLOX SUBULATA

**Alba (Moss Pink).** Moss evergreen-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.

**Lilacina.** A beautiful shade of lilac.

**Rosea.** The same as above but with pure pink flowers.

**Vivid.** A new introduction with bright rose colored flowers.

Price, 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## MISCELLANEOUS VARIETIES OF PHLOX

**Amoena.** A beautiful plant, with soft rose-colored flowers; one of the best for rockeries or borders; 4 inches high; April-May.

**Divaricata Canadensis.** A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Price, 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz. (by P. P., \$3.30). per 100, \$18.00.

## NEW PERENNIAL FLOWERING

### HARDY PINKS (Dianthus Allwoodi)

This is a most important addition to worth while perennials. They are perfectly hardy and flower continuously from early Spring until late in the Autumn. The flowers are much larger than the old type of Hardy Pinks and are borne on long stems suitable for cutting; deliciously clove scented.

**Jean.** Pure white with purple center.

**Mary.** Pale rose-pink with light maroon center.

**Robert.** Delicate shade of old rose with light maroon center. 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz.; per 100, \$22.00.

### PINKS, HARDY GARDEN (Double)

These old-fashioned favorites, bearing their clove-scented flowers during the Spring and early Summer, are splendid cut blooms.

**Elsie.** Bright rose with maroon center.

**Essex Witch.** Delicate pink, finely fringed.

**Homer.** Rosy-red with dark center.

**White Reserve.** An ever blooming variety, double pure white. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; \$18.00 per 100.

### PLATYCODON

#### (Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

**Grandiflorum.** Deep blue cupped, star-shaped flowers.

**Album.** A white-flowered form of the above.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.



Hardy Phlox

## ICELAND POPPIES (Papaver Nudicaule)

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Blooms the entire summer.

**Orange Yellow White;** each color separate. 3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz.; per 100, \$18.00.

## ORIENTAL POPPIES (Papaver Orientale)

**Bracteatum.** Rich blood red.

**Edna Perry.** Unusually large flowers of a soft salmon-pink.

**Goliath.** One of the most effective; flowers rich scarlet; the largest flowered of this class.

**Mrs. Perry.** A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden.

**Orientalis.** Very large, orange-scarlet flowers. 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz.; per 100, \$25.00.

## PRIMULA (Hardy Primrose)

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location.

**Veris (English Cowslip).** A mixture comprising the various shades of red and yellow; a splendid plant for the spring blooming garden.

**Vulgaris (English Primrose).** Beautiful light canary yellow; long flower stems with large trusses. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## PYRETHRUM (Giant Daisy)

**Uliginosum.** Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## PYRETHRUM HYBRIDUM

A good old-fashioned perennial resembling colored daisies, blooming in June.

**Single Flowering.** Mixed colors only, ranging from pure white to dark red. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

# MICHELL'S HARDY PERENNIAL PLANTS

## RANUNCULUS (Crowfoot Buttercup)

*Acris* Fl. Pl. A double flowered form of our common buttercup; 2 feet; May and June.  
*Repsen* Fl. Pl. (*Bachelor's Buttons*). A pretty double flowering, bright golden buttercup, bearing masses of flowers during May and June.  
 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## RUDBECKIA (Cone-Flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, suitable for cutting.  
*Golden Glow*. A well-known popular plant; a strong, robust grower, attaining a height of 5 to 6 feet; produces masses of double golden-yellow, Cactus Dahlia-like flowers from July to September.

*Newmani*. Dark orange-yellow flowers, with deep purple cone; good stiff stems; 3 feet high; July to September.

*Purpurea* (*Giant Purple Cone-flower*). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped center of brown; forms bushy plants 3 feet high and blooms from July to October.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## SALVIA (Meadow-Sage)

Perennials with strikingly beautiful, orchid-like bloom, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

*Azorea Grandiflora* (*Rocky Mountain Sage*). Sky-blue flowers in greatest profusion during August and September; 6 feet.

*Pitcheri*. Similar to *Azorea* but of more branching habit and larger flowers of rich Gentian blue; 3 to 4 feet.

*Virgata Nemorosa*. An interesting plant for the hardy border; flower spikes bear many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet blue, forming a pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## SCABIOSA

*Caucasica*. A delicate shade of lavender blue, starting in flower in June and lasting well through the summer.

*Caucasica Alba*. White. Like the above, except the color.  
 2 for \$1.00 (by P. P., \$1.15); \$5.00 per doz.; per 100, \$30.00.

## SEDMUM (Stonecrop)

### DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

*Acre* (*Golden Moss*). Much used for covering graves; has green foliage and bright yellow flowers.

*Album*. Dark green foliage with pure white flowers in June.

*Sieboldi*. Round succulent glaucous foliage with bright pink flowers during August and September.

*Stahli*. A species with compact crimson foliage in the Autumn.

### ERECT GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late Summer and Fall.

*Maximum Atropurpureum*. Handsome purple foliage with salmon-pink flowers during August and September; 12 to 18 inches.

*Spectabile*. Immense heads of handsome, showy rose colored flowers, during the Autumn 18 inches.

*Spectabile "Brilliant."* A rich colored form of the above, being a bright amaranth red.

Prices of any of the above Sedums, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## SOLIDAGO (Golden Rod)

*Golden Wings*. The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## SPIRAEA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeeds best in a half-shaded location.

*Filipendula* (*Dropwort*). Numerous corymbs of white flowers on stems 15 inches high, during June and July; fern-like foliage.

*Palmaria* (*Crimson Meadow Sweet*). The deep purple red of the stems and branches passes into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

*Ulmaria* Fl. Pl. (*Meadow Sweet*). Double white flowers during July and August; 3 feet.

2 for \$1.00 (by P. P., \$1.15); \$5.00 per doz.; per 100, \$27.50.

## STATICE (Sea Lavender)

*Latifolia* (*Great Sea Lavender*). Handsome plants with heads of dark blue flowers; invaluable for cutting, the flowers when dried, lasting for months. 1 to 2 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## STOKESIA (Cornflower Aster)

*Cyanea*. Very light blue.

*Cyanea Alba*. Pure white.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.



*Sweet William*

## SWEET WILLIAM (*Dianthus Barbatus*)

*Michell's Prize Mixture*. In all colors.

*Pink Beauty* (*Sometimes called Newport Pink*). A splendid shade of salmon with immense flower trusses. When massed it is a striking feature of the perennial garden; an extra fine novelty.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## THALICTRUM (Meadow Rue)

Very graceful, pretty flowered plants, with finely cut foliage; great favorites for planting in the hardy border; the dwarfer varieties also being effective and useful in the rockery.

*Adiantifolium*. A beautiful variety, with foliage like the Maiden Hair Fern and miniature white flowers in June and July; 1½ to 2 feet.

*Aquilegialifolium*. Graceful foliage like that of a Columbine and rosy-purple flowers from May to July; 2 to 3 feet.

3 for \$1.00 (by P. P., \$1.20); \$3.00 per doz.; per 100, \$18.00.

## TRILLIUM (Wood Lily, or Wake Robin)

*Grandiflorum*. The largest white; probably the handsomest.

4 for \$1.00 (by P. P., \$1.15); \$2.50 per doz.; per 100, \$15.00.

## TROLLIUS (Globe Flower)

*Europaeus*. Desirable free-flowering plants, producing their giant bright yellow, Buttercup like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half shady position in well drained, preferably light soil. 50c. each; \$5.00 per doz.

## VALERIANA (Valerian)

*Officinalis* (*Hardy Garden Heliotrope*). Showy heads of rose-tinted white flowers during June and July; 3 to 4 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## VERONICA (Speedwell)

*Amethystina*. Amethyst-blue flowers on short spikes; one of the best. 1 to 3 feet. May to June.

*Incana*. Bright silvery foliage with spikes of Amethyst-blue flowers during July and August; 12 inches.

*Longifolia Subsessilis* (*Japanese Speedwell*). A strong grower and undoubtedly the finest of all the Veronicas; rich blue flowers on tall spikes. Fine for cutting; 3 feet; July and August.

*Spicata*. Long spikes of bright blue flowers during June and July; 18 inches. An excellent border plant.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

## VINCA (Periwinkle or Myrtle)

*Minor*. Green foliage, lavender flowers. Extra strong plants. 4 for \$1.00 (by P. P., \$1.15); \$2.50 per doz.; per 100, \$15.00.

Vines play an important part in the landscape of the home. There are so many purposes they fill that we cannot recommend too highly their general use.

**AKEBIA**—*Quinata*. A quick-growing vine; small, fine-lobed, half-evergreen leaves, and purplish brown or chocolate-colored flowers, which have a delicious odor. This plant is highly desirable where a dense shade is not desired. Extra strong plants, 75c. each (by P. P., 90c.); 6 for \$3.25; 12 for \$6.00.

**AMPELOPSIS**—*Quinquefolia* (*Virginia Creeper*). The large handsome, dark green leaves are deeply cut into five lobes; in the autumn the foliage turns a beautiful rich crimson; especially adapted to covering tree stumps and trunks. Extra strong plants, 50c. each (by P. P., 60c.); per doz., \$5.00.

**AMPELOPSIS**—*Veitchii* (*Boston Ivy*). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the autumn turn to a coppery red. Strong plants, 50c. each (by P. P., 60c.); per doz., \$5.00.

**ARISTOLOCHIA**—*Sipho* (*Dutchman's Pipe*). Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants \$1.00 each (by P. P., \$1.25).

**BIGNONIA**—*Radicans* (*Trumpet Vine*). A strong-growing vine, with rich green foliage and trumpet shaped flowers, dark red, throat shaded orange; free flowering. Strong plants, 50c. each (by P. P., 60c.).

**CELASTRUS SCANDENS** (*Bittersweet or Waxwort*). A vine of rapid growth. In the early summer it produces yellow flowers, which by autumn have turned to bright, orange-colored fruits with red markings. Extra strong plants, 50c. each (by P. P., 60c.).

**CLEMATIS**—*Paniculata* (*Japanese Virgin's Bower*). A strong, luxuriant grower, with light green foliage. At the close of August innumerable small, star-like flowers cover the vine in a sheet of fragrant white. It delights in plenty of sunlight, rich soil and plenty of water in dry weather. Strong plants 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); \$18.00 per 100. Extra strong plants, 50c. each (by P. P., 60c.); per doz., \$5.00; \$35.00 per 100.

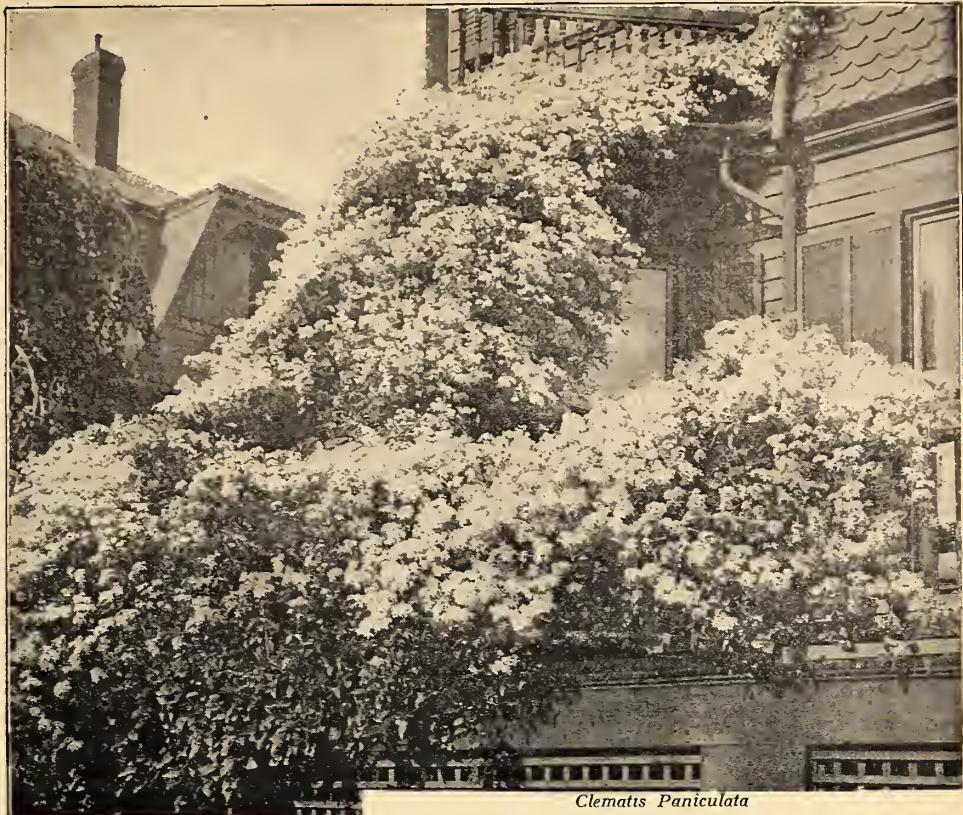
**EUONYMOUS**—*Radicans*. Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow growing habit is desired; green foliage.

—*Variegata*. Leaves are variegated; otherwise like the above variety.

—*Vegeta*. This plant is regarded far too little in importance as a strictly A-1 variety for climbing stone walls of buildings or otherwise; it ranks favorably with English Ivy, except that it is evergreen and does not winter kill or shed its foliage. The foliage is larger than that of the type *Radicans*, and the plant produces an orange-colored berry, which remains on the plant the most part of the winter. *Euonymous Vegeta* should be planted more extensively than it is.

Price of any of the above *Euonymous*, strong 2-year plants, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz.; per 100, \$18.00.

**HOP VINE** (*Japanese*). A rapid grower, with dark green foliage and bearing a profusion of seed-pods, suitable for many domestic purposes. Strong pot-plants, 3 for \$1.00 (by P. P., \$1.15); doz., \$3.00 (by P. P., \$3.30).



*Clematis Paniculata*

**HONEYSUCKLE**. This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

—**Chinese Evergreen**. Yellow and white variegated flowers; very fragrant; blooms the entire season.

—**Halliana** (*Hall's Honeysuckle*). Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

—**Red Coral or Scarlet Trumpet**. Bright red, trumpet-shaped flowers. Blooms all summer.

—**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles, strong 2-year plants, 50c. each (by P. P., 65c.); \$5.00 per doz.; per 100, \$35.00.

**LYCIUM** (*Matrimony Vine*)—*Barbarum*. A dense growing climber, somewhat shrubby in nature. In late summer the small purple flowers are followed by a crop of red berries, which remain until late winter. Extra heavy plants, 50c. each (by P. P., 65c.); \$5.00 per doz.

**POLYGONUM**—*Auberti*. For porches, lattice work, fences, buildings, etc. A useful vine which is perfectly hardy and free from disease or pests. It is quick growing, a small plant making twenty-five to thirty feet of growth the first summer, and producing clouds of snowy white flowers, borne in long clusters which turn rose color with age. The foliage is clean looking and attractive and apart from its wonderful flower effect will please everyone by its appearance. It will not cling to the wall, but will ramble over anything that will support it. Extra strong plants, 75c. each (by P. P., 90c.).

**WISTARIA**. This flowers in the latitude of Philadelphia during May. A strong developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded. They thrive best in the sun, and with an application of cow manure once or twice a season they respond marvelously by an extra growth and an abundance of flowers.

—*Chinensis* (*Chinese Wistaria*). Pale blue; somewhat fragrant. Extra strong plants.

—*Chinensis Alba*. A beautiful white flowering form of the above. Extra strong plants.

Price of Wistarias, \$1.00 each (by P. P., \$1.15).

# MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS

See Page 30 for Special Notice on Guarantee.

**ALTHEA** (*Rose of Sharon*). These thrive almost anywhere, producing their bloom from July till September.

—**Alba Plena.** Pure white; double.

—**Atropurpurea Plena.** Double purple.

—**Lady Stanley.** Semi-double; pale pink, splashed with carmine. Strong plants, 75c. each (by parcel post, 90c.).

**AMYGDALUS**—**Alba Flore Pleno** (*Flowering Almond*). Erect, slender branches, covered in May with small, very double, fragrant white flowers. Strong plants, \$1.50 each (by parcel post, \$1.65).

—**Rosea Flore Pleno.** Identical with the above, but bearing pink flowers. Strong plants, \$1.50 each (by parcel post, \$1.65).

**BERBERIS**—**Thunbergii** (*Japanese Barberry*). A good, hardy plant for lawn or border. The branches are prickly with small thorns and tend to make a defensive hedge. In autumn the foliage is crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
9-12 inches.....	\$0.20	\$1.50	\$10.00
12-18 inches.....	.30	2.50	15.00
18-24 inches.....	.40	3.50	25.00

**Bridal Wreath.** See *Spiraea Prunifolia*.

**CALICARPA PURPUREA** (*Beauty Fruit*). A beautiful shrub growing about 3 feet high, covered in August with tiny pink tinted flowers, followed in late September by violet purple berries borne in clusters from the axil of every leaf, remaining until the middle of Winter. Strong plants, 75c. each (by parcel post, 90c.).

**CALYCANTHUS**—**Floridus** (*Sweet Shrub*). Chocolate-colored double flowers, with a peculiar agreeable odor. Blooms in June. Strong plants, 75c. each (by parcel post, 90c.).

**CERCIS**—**Canadensis** (*Judas Tree or Red Bud*). A tall, slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. Strong plants, \$1.00 each.

**CHIONANTHUS**—**Virginica** (*White Fringe*). In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, \$1.00 each (by parcel post, \$1.15).

**Chaste Tree.** See *Vitex*.

**CLETHRÀ**—**Alnifolia** (*Sweet Pepper Bush*). Of low growth; has numerous spikes of small white fragrant flowers in July; Strong plants, 75c. each (by parcel post, 90c.).

**CORNUS**—**Elegantissima** (*Variegated Dogwood*). A beautifully variegated shrub which should be planted more freely.

—**Lutea** (*Golden-Twigged Dogwood*). Bright yellow branches in Winter.

—**Sibirica** (*Siberian Dogwood*). Branches a bright, coral red; quite ornamental.

Price of *Cornus*, strong plants, 75c. each (by parcel post, 90c.).

**Crab.** See *Malus*.

**CYTISUS**—**Laburnum** (*Golden Chain*). A large shrub with shining green leaves and long drooping racemes of yellow flowers in the early summer. Strong plants, \$1.00 each (by parcel post, \$1.15).

**DEUTZIA.** The Deutzias are among the most useful of our summer flowering shrubs. For planting either individually or in masses they are very attractive.

—**Candidissima** Fl. Pl. Abundant racemes of double, pure white flowers in June; luxuriant foliage, and fine habit.

—**Crenata Rosea** Fl. Pl. Double flowering; white tinged pink.

—**Gracilis.** Of dwarf, bushy habit; white flowers.

—**Lemoinei.** Rather low growing with slender arching branches with large clusters of graceful white flowers in May.

—**Pride of Rochester.** The flowers, borne in large panicles, are pinkish white, with under-side of the petals rose. June.

Price of Deutzias, strong plants, 75c. each (by parcel post, 90c.).

**Dogwood.** See *Cornus*.

**EUONYMUS** **Alata** (*Cork-barked Euonymus*). Small delicate flowers in late Spring are followed by attractive red berries in the Fall. Curious corky bark, brilliant Autumnal foliage. Best for individual planting. Strong plants, \$1.00 each (by parcel post, \$1.15).

**EXOCHORDA GRANDIFLORA** (*Pearl Bush*). A medium sized shrub, producing white flowers in clusters, early in the spring. Strong plants, 75c. each (by parcel post, 90c.).

**Flowering Almond.** See *Amygdalus*.

**Flowering Crab.** See *Malus*.

**FORSYTHIA** (*Golden Bells*). Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

—**Fortunei.** Erect growing with dark green foliage.

—**Intermedia.** April. Vigorous grower with slender, erect or arching branches.

—**Suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes.

—**Viridissima.** Erect shoots, spreading branches and excellent foliage that assumes a rich Autumnal tint and persists until early Winter.

Price of *Forsythias*, strong plants, 75c. each (by parcel post, 90c.).

**Golden Bells.** See *Forsythia*.

**Golden Chain.** See *Cytisus*.

**Honeysuckle.** See *Lonicera*.

**HYDRANGEA**—**Arborescens Grandiflora Alba** (*Snowball Hydrangea*). The snow-white blooms are of the largest size, coming into flower early in June and lasting until late in August. Is more hardy than any other sort and especially suited for shaded places. Strong plants, 75c. each (by parcel post, 90c.).

—**Paniculata Grandiflora.** The large panicles of white flowers are at their best during August; later they take on a reddish cast. Fine as single specimens on the lawn or grouped in large beds. Strong bush form, 75c. each (by parcel post, 90c.). Extra strong stock, 3 feet, \$1.50 each.

—**Paniculata Grandiflora** (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the center of beds, containing other plants. Stems 3 to 4 feet high with shapely heads, \$1.50 each.

—**Quercifolia** (*Oak-leaved Hydrangea*). A handsome spreading shrub with striking foliage, turning in Autumn to a beautiful red. The flowers are produced freely in August, in flat white-clusters. Strong plants, \$1.50 each (by parcel post, \$1.65).

**Japan Quince.** See *Pyrus*.

**JASMINUM**—**Nudiflorum.** Fine for sheltered positions; fragrant yellow flowers early in Spring. Strong plants, 75c. each (by parcel post, 90c.).

**Judas Tree.** See *Cercis*.

**Lilac.** See *Syringa*.

**RONICERA**—**Fragrantissima** (*Honeysuckle*). Fragrant white flowers early in Spring. Strong plants, 75c. each (by parcel post, 90c.).

—**Morrowi.** Foliage dark green with small white flowers in May. During the late summer and early autumn the plant is covered with bright red berries. Strong plants, 75c. each (by parcel post, 90c.).

—**Ruprechtiana.** A free flowering variety; white flowers during May and June, followed by red fruit. Strong plants, 75c. each (by parcel post, 90c.).

**MALUS**—**Floribunda** (*Japanese Flowering Crab*). One of the best of the flowering Crabs. The buds are a warm rose color opening to light pink flowers—the whole forming a shapely bush or small tree. Strong plants, \$1.50 each.

**MALUS**—**Ioensis Plena** (*Bechtel's Double Flowering Crab*). A shapely little tree, producing quantities of very double, fragrant flowers of a soft pink, resembling a small Rose in formation. 18 to 24 inches, \$1.25; Strong plants, \$1.50; Extra strong plants, \$2.00 each.

**MALUS**—**Parkmanii** (*Parkman's Flowering Crab*). Rose-colored buds open into little rosy-white flowers; these are succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. Strong plants, \$2.00 each.

**Mock Orange.** See *Philadelphus*.

**Pearl Bush.** See *Exochorda*.

**PHILADELPHUS**—**Avalanche** (*Dwarf Mock Orange*). Slender, arching branches nearly covered with showy white flowers; very fragrant. Strong plants, 75c. each (by parcel post, 90c.).

—**Coronarius** (*Mock Orange*). Handsome foliage and beautiful fragrant white flowers in May and June. Strong plants, 75c. each (by parcel post, 90c.).

—**Grandiflorus.** A robust growing variety, bearing large white flowers. Strong plants, 75c. each (by parcel post, 90c.).

**PYRUS**—**Japonica** (*Japan Quince*). This shrub is a beautiful sight when covered in the early spring with cherry-red flowers, about the size of an apple blossom. After the flowers fall, many of them set fruit, which is edible, making the finest Quince jelly or preserves. Strong plants, 75c. each (by parcel post, 90c.).

**Red Bud.** See *Cercis*.

# MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS (Cont.) 41

**RHUS**—*Typhina Lacinata* (*Dwarf Cut-leaved Sumac*). Low growth and fern-like foliage, which is colored in the fall months. 2 to 3 feet, 75c. each (by parcel post, 90c.).

**Rose of Sharon.** See Althea.  
**Snowball.** See Viburnum.

**Snowberry.** See Symphoricarpu.

**SPIREA**—*Anthony Waterer*. Of dwarf, dense habit, bearing a profusion of crimson flowers. 75c. each (by parcel post, 90c.).

—*Prunifolia* (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. 3 feet, 75c. each (by parcel post, 90c.).

—*Thunbergi*. Delicate foliage and small white flowers in the early Spring. 18 inches, 75c. each (by parcel post, 90c.).

—*Van Houttei*. The most beautiful of all white Spireas, flowering in May. 3 feet, 75c. each (by parcel post, 90c.).

**Sumac.** See Rhus.

**Sweet Pepper Bush.** See Clethra.

**Sweet Shrub.** See Calycanthus.

**SYRINGA** (*Lilac*)—*Charles X.* A strong variety, bearing large trusses of reddish purple flowers. \$1.00 each (by parcel post, \$1.15).

—*Japonica*. A very desirable free flowering tree, bearing during June and July fragrant white flowers in large panicles. 75c. each (by parcel post, 90c.).

—*Marie Legraye*. A dwarf growing variety, producing immense trusses of creamy white flowers. \$1.00 each (by parcel post, \$1.15).

—*Vulgaris*. Common purple, sweet-scented lilac. 75c. each (by parcel post, 90c.).

—*Vulgaris Alba*. Pure white type of the above, but more fragrant. 75c. each (by parcel post, 90c.).

**SYMPHORICARPU**—*Racemosus* (*Snowberry*). Small red flowers are succeeded by white berries, remaining on the plant through half the winter. 75c. each (by parcel post, 90c.).

—*Vulgaris* (*Red fruited or Indian Currant*). A well known shrub; pink flowers, bright red fruit. 75c. each by parcel post, 90c.).

**TAMARIX**—*Africana*. Strong, slender, upright growth, with panicles of feathery pink flowers in May. 3 to 4 feet, 75c. each (by parcel post, 90c.).

—*Hispida Aestivalis*. A distinct variety bearing delicate sprays of soft pink flowers in July and August, very light and feathery. 2 to 3 feet, 75c. each (by parcel post 90c.).

**VIBURNUM OPULUS** (*High Bush Cranberry*). One of the most popular shrubs; clusters of white flowers in June followed by scarlet berries in Autumn. Strong plants, 2 to 3 feet, 75c. each (by parcel post, 90c.).

—*Opulus Sterilis* (*Snowball or Guelder Rose*). This is the popular white Snowball, filled with large globes of white flowers in May. Strong plants, 2 feet, 75c. each (by parcel post, 90c.).

—*Plicatum* (*Japanese Snowball*). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy; blooms in June. Extra fine plants, 2 feet, \$1.00 each (by parcel post, \$1.15).

—*Tomentosum*. Distinct from all other varieties in foliage and flower; the latter are more flat than those of other varieties and followed by decorative red fruits, changing to black. Strong plants, 2 to 3 feet, 75c. each (by parcel post, 90c.).

**VITEX AGNUS CASTUS** (*Chaste Tree*). A shrub or small tree; dense spikes of pale lilac flowers from July to September. Strong plants, 2 feet, 75c. each (by parcel post, 90c.).

**WEIGELIA**—*Candida*. Flowers abundantly in June and July; also during the autumn months. The tube-shaped flowers are pure white. Plants, 2 to 3 feet, 75c. each (by parcel post, 90c.).

—*Eva Rathke*. Of erect form; deep carmine-red flowers 18 to 24 inches, 75c. each (by parcel post, 90c.).

—*Rosea*. Remarkably showy flower; spreading branches and dark green leaves. 75c. each (by parcel post, 90c.).

—*Rosea nana variegata*. Silvery variegated leaves and pale pink flowers. 2 to 3 feet, 75c. each (by parcel post, 90c.).

**White Fringe.** See Chionanthus.

## MICHELL'S CHOICE THRIFTY HEDGE PLANTS

### NEW RED-LEAVED JAPANESE BARBERRY

#### Introducers Description

It is only once in a lifetime that a really worth-while, outstanding novelty in hardy shrubs is introduced and in this new Barberry we have such a plant.

It is similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation plantings and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. However, unlike these and other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer, and in the fall its foliage changes to vivid orange, scarlet, and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. In this coloring it is unequalled by any other shrub and is followed by the same brilliant scarlet berries common to the type, which remain on the plant the entire winter.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun. Each Doz. Strong 1 year old plants ..... \$0.75 \$7.50 Strong 2 year old plants ..... 1.00 10.00

### BERBERIS THUNBERGII (Japanese Barberry)

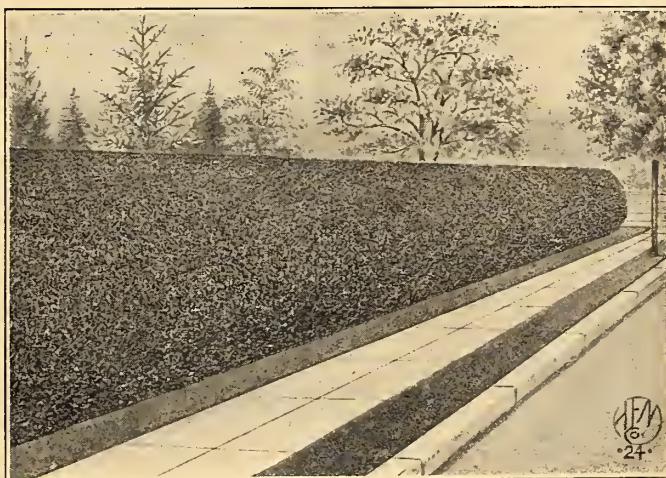
A good hardy plant of low dense growth. It is a brilliant light green from early spring to winter; it should be regarded as a shrub as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each Doz.	100	Height	Each Doz.	100				
9-12 in.	....	\$0.20	\$1.50	\$10.00	18-24 in.	....	\$0.40	\$3.50	\$25.00
12-18 in.	....	30	2.50	15.00					

#### LODENSE PRIVET

A new variety of which the name is very descriptive, as it is dwarf and compact in growth, very much like Boxwood. It makes a low thick hedge which requires but very little trimming, in fact rows of this Privet at our Nursery, that have been growing there for three years are as symmetrical as one could wish and these plants have had no trimming whatever. It can also be planted as single specimens, as it naturally grows almost a perfect ball shape.

Each	Doz.	100		
2-yr. old plants, 9 to 12 inches	....	\$0.50	\$5.00	\$40.00
3-yr. old plants, 15 to 18 inches	....	.75	7.50	55.00



California Privet

### CALIFORNIA PRIVET

Unlike a fence, which needs painting, repairing, etc., and then never looks well, this hedge is no further expense after planted and it adds dignity and charm to any home. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a thick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	Doz.	100	1000	
1-yr. old, 18 to 24 inches	....	\$1.25	\$6.00	\$50.00
2-yr. old, 24 to 30 inches	....	1.50	8.00	70.00
2-yr. old, 30 to 36 inches	....	2.00	10.00	90.00

### GOLDEN OR VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance a striking appearance. Bushy Plants 75c. each; doz., \$7.50.

Blackberry *Eldorado*

Currants

Gooseberries

Every garden should have some space reserved for small fruits. None bought in the market can compare with those picked fresh by yourself when you want them. Any surplus that cannot be consumed may be put up for winter use.

**PLEASE NOTE.**—The following states forbid the shipment of Gooseberries and Currants within their boundary, owing to their quarantine against the White Pine Blister Rust. We are therefore unable to accept orders for these plants for shipment into these states: California, Colorado, Delaware, Georgia, Idaho, Kansas, Maine, Maryland, Massachusetts, Minnesota, Montana, Nebraska, Nevada, New Hampshire, North Carolina, Oregon, South Carolina, South Dakota, Tennessee, Utah, Washington and West Virginia.

### BLACKBERRIES (Extra Strong Plants)

Blackberries thrive most anywhere. The plants are subject at times to attacks of rust, particularly during prolonged wet spells in summer. A spraying, especially underneath the foliage, with copper solution, usually arrests this. However, if the disease spreads too much, it is best to dig up the bushes, burn them and plant new ones in another part of the garden. If they are sprayed before being affected it is the best plan.

**Eldorado.** A very vigorous grower, free from mildew or rust; enormously productive; fruit large, excellent quality and without core.

**Mersereau.** Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black and retain their color under all conditions; very sweet and without core. Unsurpassed as a shipper and keeper.

**Ward.** An extra strong grower; produces an enormous crop of extra large, glossy blackberries, which are rich, sweet and tender and with no hard core.

Price of Blackberries, 6 for 75c. (by parcel post, 85c.); \$1.00, per doz. (by parcel post, \$1.15); per 100, \$7.00.

### CURRENTS (Extra Strong Plants)

Currants like good, rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

**Red Dutch.** An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

Price, strong 2-year old, 3 for \$1.00 (by parcel post, \$1.15); per doz., \$3.00 (by parcel post, \$3.25); \$20.00 per 100.

### GOOSEBERRIES (Extra Strong Plants)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. They will repay you for this trouble with an extra big crop.

**Downing.** Medium to large; whitish green; flesh soft and juicy.

**Red Jacket.** Berries medium; color, pale red, tender and good. A wonderful cropper, with clean, healthy foliage.

Price, 3 for \$1.00 (by parcel post, \$1.15); doz., \$3.00 (by parcel post, \$3.25); \$20.00 per 100.

### SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply "small fruit" bushes of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or grower. If customers desire us to guarantee these and trees and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

### GRAPE VINES

A few of these plants in the garden after several years will yield abundant crops and they last for years with little attention except pruning and spraying.

**Caco.** The most delicious of all Grapes and perfectly hardy; it has been pronounced by America's most expert grape growers to equal in high quality and melting texture the finest varieties grown under glass. When one considers the price of the greenhouse product and realizes that the wonderful Caco can be grown in the back yard, almost without attention, the force of the above statement is apparent. The large berry is wine-red. Bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. This is a very fine variety and is easily worth the slight advance in price over the older varieties. 75c. each (by parcel post, 90c.); doz., \$7.50 (by parcel post, \$8.00).

**Campbell's Early.** A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich and delicious.

**Catawba.** Delicious flavor; medium size, red berry.

**Champagne.** A sterling variety of great merit. Color a coppery red. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out, bearing an immense crop. Very strong grower, fifteen to twenty feet or more a season being common. Has never been known to winter kill. 75c. each (by parcel post, 90c.); doz., \$7.50 (by parcel post, \$8.00).

**Concord.** The well-known standard purple variety; succeeds wherever grapes will grow.

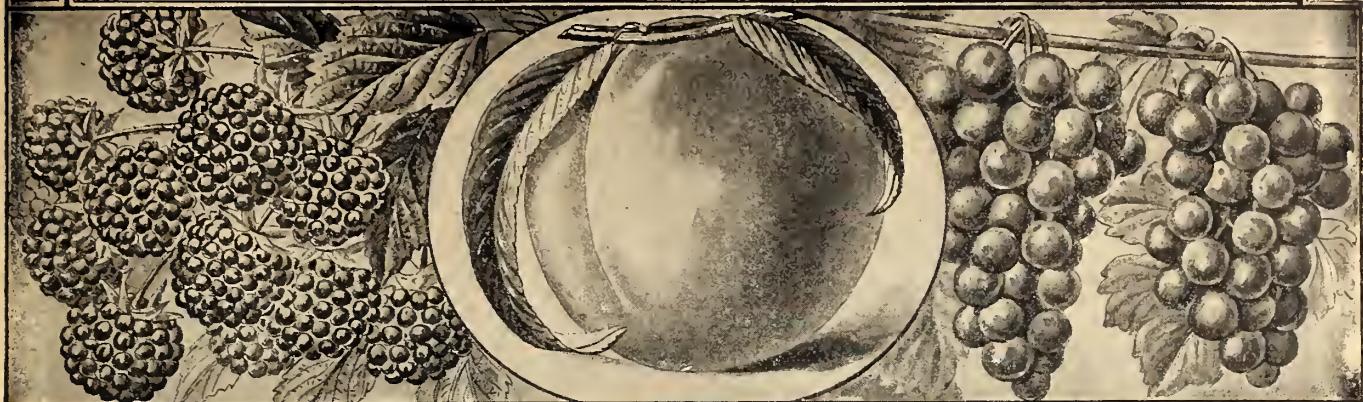
**Moore's Diamond.** A strong healthy grower; hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

**Niagara.** An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

Prices, any of the above, excepting Caco and Champagne, 2-year old vines, 35c. each (by parcel post, 45c.); doz., \$3.50 (by parcel post, \$4.00).

**Please Note.**—We have reduced the variety of Grape Vines offered, retaining the best in varieties which cover the different colors.

**Shipping Seasons** for small fruits are from October till freezing weather and from March 25th to May 15th.



## RASPBERRIES (Extra Strong Plants)

Raspberries should be carefully staked, to get large crops. We also recommend that well-rotted manure or other suitable fertilizer be dug around the bushes, either in the fall or early spring.

**Cumberland (Blackcap).** These do not transplant successfully in the Autumn and will therefore be offered in our Spring catalog.

**Cuthbert.** Berries very large, measuring 3 inches around; conical, rich crimson; one of the old-time favorites.

**Ranere Everbearing.** The most popular Raspberry in cultivation, bearing continually from July until well into November. Its main crop is produced in the earlier period, but substantial quantities may be harvested almost every day until sharp frosts appear. The fruit is of good size and of excellent flavor, in fact there is no good quality any of the regular varieties of raspberries possess that is lacking in Ranere; a few dozen bushes will supply the average family with sufficient for table use and a surplus for canning. The color is a brilliant red.

Price, any of the above, strong plants, 6 for 75c. (by parcel post, 85c.); \$1.00 per doz. (by parcel post, \$1.15); per 100, \$7.00.

## STRAWBERRY PLANTS (Pot Grown)



### Early Varieties

Cooper, Premier, Senator Dunlap.

### Mid-season Varieties

Big Joe, Parson's Beauty.

### Late Varieties

Chesapeake, Gandy's Prize, Wm. Belt, Orem.

Price of above, \$1.25 per doz.; per 100, \$7.00; \$60.00 per 1000.

### Fall Fruiting Varieties

Progressive. Price, \$1.25 per doz.; per 100, \$7.00; \$60.00 per 1000.

**Mastodon Everbearing Wonder.** This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost; the late bearing fruits being as large as the early crop; berries are of excellent quality. Plants should be grown in single hills as it does not do so well in matted rows.

Price, pot-grown plants, \$2.50 per doz.; per 100, \$15.00.

## LAYER PLANTS

Price of the above in Layer Plants, except Mastodon. 25 for \$1.00 (by parcel post, \$1.15); \$1.50 for 50 (by parcel post, \$1.65); 100 for \$2.00 (by parcel post, \$2.25); \$15.00 per 1000. Mastodon, layer plants, 25 for \$2.00 (by parcel post, \$2.15); \$3.00 for 50 (by parcel post, \$3.25); per 100, \$4.00 (by parcel post, \$4.25). \$25.00 per 1000. We can supply most all other popular varieties, though not offered here.

## CHOICE FRUIT TREES

### (Extra Strong Stock)

These can be shipped by express only.

### APPLES

**Baldwin.** Large round, deep red, late variety.

**Ben Davis.** A late keeper; handsome striped fruit.

**Fall Pippin.** Large yellow, rich and delicious.

**Crimes' Golden.** Deep golden yellow; fine for Christmas.

**Hyslop (Crab).** Deep crimson with blase bloom.

**Red Astrachan.** Tart, juicy, flesh tinged with red; very early.

**Stayman's Winesap.** Good keeper; deep red on yellow ground.

**Transcendent (Crab).** Yellow, striped red; good yielder.

Price of Apple Trees: 6 to 8 feet high, \$1.50 each; 6 for \$8.00; \$12.00 per dozen.

### APRICOTS

**Alexander.** Orange yellow with faint blush; firm, coarse flesh.

Price of Apricot Trees: \$2.00 each; 6 for \$9.00; \$15.00 per doz.

### CHERRIES

**Black Tartarian (Sweet).** Large, purplish black; immense bearer.

**Early Richmond (Sour).** Dark red; medium size; splendid flavor.

**Large Montmorency (Sour).** Light red; very productive.

**Schmidt's Bigarreau (Sweet).** A good late variety. Fruit large; flesh dark red, very firm, sweet, rich and of good quality.

**Napoleon (Royal Ann).** The best and most profitable yellow sweet cherry. Flesh very firm, juicy and delicious.

Price of Cherry Trees: 5 to 7 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

### PEACHES

We find that these are better planted in the early Spring and are therefore, not offering them for Fall delivery.

We strongly advise those who are contemplating planting Peach trees to defer ordering until Spring when we will be glad to fill your order with good fresh stock, that will give every satisfaction.

Our Spring Catalog which will be issued early in January will contain a complete list of Peaches and other stock for Spring planting.

### PEARS

**Bartlett.** Yellow, shaded blush; very sweet and juicy; early.

**Clapp's Favorite.** An excellent table Pear; large, fine grained; yellow with crimson cheek; August.

**Kieffer.** A fine variety for late autumn, and for canning.

**Seckel.** Small, yellowish brown; very sweet and juicy.

Price of Pear Trees: 5 to 7 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

### PLUMS

**Abundance.** Amber, turning to a rich, bright cherry color.

**Burbank.** Orange yellow, overlaid red; rich and sugary.

**Imperial Green Gage.** Middle of August. A delicious, good-sized free-stone, sweet and juicy. Greenish in color.

Price of Plum Trees: 5 to 6 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

### QUINCES

**Champion.** Very prolific bearer; large fruit.

**Orange.** Round; golden yellow; fine for preserving.

Price of Quince Trees: 4 to 5 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

**NOTE.**—We can also supply all other varieties of Fruit Trees.

Shipping Seasons for fruits are from October till freezing weather and from March 25th to May 15th.

A complete offering will be found in our General Catalog that was issued in January; copy may be had on request.

### ASPARAGUS ROOTS

Ready Last of October

4,000 to 6,000 roots are required for an acre.

Asparagus roots are planted quite extensively during the autumn and invariably give good results.

If Asparagus Roots are wanted by Parcel Post add 10c. per 50; 15c. per 100 for postage.

	2-year-Old Roots		
	Per 50	100	1000
Barr's Mammoth	\$0.75	\$1.25	\$10.00
Giant Argenteuil	.75	1.25	10.00
Palmetto or Eclipse	.75	1.25	10.00
Washington (New)	1.25	2.00	15.00

### BEANS FOR FORCING

**Masterpiece.** A long, flat podded variety, especially adapted for growing under glass; quick grower; very tender. Pkt., 10c.; 65c. per lb. (by P. P., 75c.); 2 lbs., \$1.20 (by P. P., \$1.35); \$2.90 per 5 lbs. (by P. P., \$3.10); 10 lbs., \$5.60 (by P. P., \$5.90).

**Triumph of the Frames.** Splendid for forcing under glass, producing a narrow, tender pod of considerable length. Per pkt., 10c.; 65c. per lb. (by P. P., 75c.); 2 lbs., \$1.20 (by P. P., \$1.35); \$2.90 per 5 lbs. (by P. P., \$3.10); 10 lbs., \$5.60 (by P. P., \$5.90).

### BEET—Table Varieties

	Pkt.	Oz.	1/4 lb.	Lb.
Arlington Favorite Blood (Turnip)	\$0.10	\$0.20	\$0.45	\$1.25
Bassano Extra Early (Turnip)	.10	.20	.45	1.25
Bastian's Early Blood (Turnip)	.10	.20	.45	1.25
Bastian's Half Long Blood	.10	.20	.50	1.50
Crimson Globe	.10	.20	.50	1.50
Crosby's Egyptian (Turnip)	.10	.20	.50	1.50
Detroit Dark Red (Turnip)	.10	.20	.50	1.50
Detroit Dark Red (Michell's Special Strain)	.10	.25	.65	2.25
Early Wonder	.10	.20	.50	1.50
Eclipse (Round)	.10	.20	.45	1.25
Lentz Early	.10	.20	.45	1.25
Michell's Ideal	.10	.25	.60	2.00
Michell's Winter Keeper	.10	.25	.65	2.25

### FORCING CARROTS

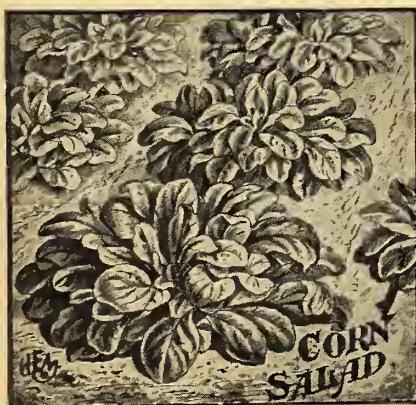
**Early Half Long Scarlet.** A very desirable stump-rooted variety of fine flavor and good color. Pkt., 10c.; 25c. per oz.; 60c. per 1/4 lb.; per lb., \$1.60.

**Guerande or Oxheart.** An early forcing variety; small roots, not over 3 to 4 inches long. Pkt., 10c.; 20c. per oz.; 1/4 lb., 50c.; \$1.50 per lb.

**Rubicon Half Long.** Excellent shape and well adapted for early forcing. Pkt., 10c.; 25c. per oz.; 1/4 lb., 50c.; \$1.60 per lb.

**Very Early Short Horn or French Forcing.** An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Pkt., 10c. 25c. per oz.; 1/4 lb., 50c.; \$1.60 per lb.

### CORN SALAD (Fetticus)



Principally sown for a supply of greens during winter and early spring. Sow in September broadcast; when cold weather approaches cover with leaves or long manure or straw; upon approach of spring the covering can be taken off. It can also be gathered on mild days during winter.

**Large Leaved, Round Seeded.** Pkt., 10c.; 25c. per oz.; 1/4 lb., 60c.; \$2.00 per lb.

### WE PAY POSTAGE AND PACKING CHARGES

(Except as noted)

on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds are not included), or such other seeds where mention is made in catalog. If these seeds are wanted by Parcel Post please remit for postage the amount named in connection with the item.



Michell's Earliest Snowstorm Cauliflower

### CAULIFLOWER (Varieties Suitable for Forcing)

**Michell's Earliest Snowstorm.** Colossal pure white heads, averaging often 10 inches in diameter. Pkt., 25c.; 50c. per large pkt.; 1/4 oz., \$1.25; \$2.00 per 1/2 oz.; oz., \$3.50.

**Michell's Selected Erfurt.** One of the earliest in cultivation; small leaved; splendid forcer. Pkt., 25c.; 50c. per large packet; 1/4 oz., \$1.00; \$1.75 per 1/2 oz.; per oz., \$3.00.

**Early Snowball.** A splendid early variety. Pkt., 25c.; 50c. per large pkt.; 1/4 oz., \$1.00; \$1.75 per 1/2 oz.; per oz., \$3.00.

### POP CORN (Shelled)

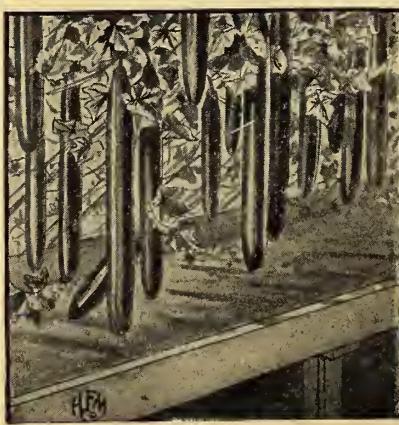
Our pop corn will be found in excellent condition for popping.

**Golden Queen and Snowflake.** 15c. per lb. (by P. P., 25c.); 3 lbs., 40c. (by P. P., 55c.).

### CORN POPPERS

1 qt. size, 25c. each (by P. P., 35c.); 2 qt. size, 35c. each (by P. P., 45c.).

### ENGLISH CUCUMBERS



English Greenhouse Cucumbers

These are especially adapted for growing under glass in greenhouses, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

**Lockie's Perfection, Sion House, Telegraph, Tender and True.** Per packet of 10 seeds of either of the 4 sorts above, 25c.; \$2.25 per 100 seeds.

## WATER CRESS

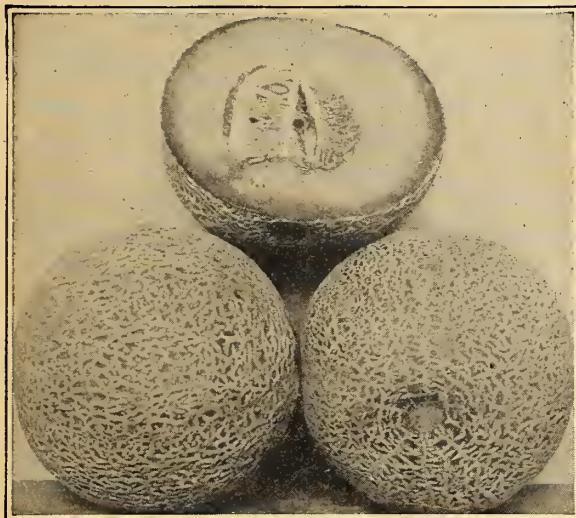
This may be grown on a greenhouse bench just as successfully as along a stream of water and a continuous crop may thus be assured regardless of weather conditions. Nothing can compare for flavor with the delicious tenderness of young Water Cress. True Erfurt. Pkt., 10c.; 25c. per  $\frac{1}{2}$  oz.; oz., 40c.; \$1.25 per  $\frac{1}{4}$  lb.

## LETTUCE (Heading Varieties)

	Pkt.	Oz.	$\frac{1}{4}$ lb.	
All Heart.....	\$0.10	\$0.25	\$0.60	
All Right (Michell's).....	.10	.35	.85	
Big Boston.....	.10	.30	.80	
Boston Market (For forcing).....	.10	.30	.75	
Davey's Improved Big Boston.....	.10	.35	1.00	
Dutch Butter.....	.10	.35	1.00	
Hanson Improved.....	.10	.25	.75	
Iceberg.....	.10	.30	.85	
Kingsholm Cos or Romaine.....	.10	.25	.75	
Mammoth Salamander.....	.10	.25	.75	
May King.....	.10	.25	.75	
Michell's Number One.....	.10	.35	.85	
New York or Wonderful.....	.10	.35	1.00	
Prize Head.....	.10	.25	.75	
Unrivaled.....	.10	.35	1.00	
Way-a-head.....	.10	.25	.75	

## LETTUCE (Loose Leaf Varieties)

	Pkt.	Oz.	$\frac{1}{4}$ lb.	
Black Seeded Simpson.....	\$0.10	\$0.35	\$0.75	
Early Curled Simpson.....	.10	.35	.75	
Grand Rapids.....	.10	.25	.75	
Silesian.....	.10	.35	.75	



Forcing Melon, Windsor Castle

## FORCING MELONS (English Varieties)

**Blenheim Orange.** A handsome, scarlet fleshed variety of delicious flavor and beautifully netted. Pkt., 25c.; 65c. per 3 pkts.

**Invincible Scarlet.** Form globular; skin orange red when perfectly ripe, finely and evenly netted; thick, bright scarlet flesh of exquisite flavor. Pkt., 25c.; 65c. per 3 pkts.

**Sutton's A 1.** Fruits large, globular and densely netted. Flesh thick, of a rich scarlet color and of delicious flavor. Original pkt., \$1.25.

**Windsor Castle.** A green fleshed variety of excellent quality. Oval in form, large size and handsomely netted on a dark green ground; flesh thick and of a pale green color. Pkt., 25c.; 65c. per 3 pkts.

**MELON NETS.** For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.50 per doz.; per 100, \$18.00.



## PURE SPORE CULTURE SPAWN

A fine crop of mushrooms can be secured with very little labor or expense, provided a suitable location can be obtained. Cellars, greenhouses and sheds can be used for their culture. This spawn is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure of twelve lbs., so that every mould, weed seed or insect is destroyed and each bottle contains nothing but the pure spawn. Every particle is full run, covered with spawn grown direct from the spores. One carton of the spawn equals 5 bricks of ordinary spawn and is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions, not only as to how the spawn should be used, but full particulars about growing mushrooms. Any one can order spawn and with it get the necessary knowledge to make growing entirely successful.

Per carton.....	\$1.00	25 cartons.....	\$21.25
12 cartons.....	10.75	60 cartons.....	48.00

If wanted by P. P. allow 10c. per carton for postage.

## PURE CULTURE BRICK SPAWN

A crop is produced with good spawn, and a little care and patience in about 5 to 10 weeks and continues bearing about two months. New beds can be started at intervals which will give a supply the entire season. Ask for our Free Leaflet on Mushroom Culture. One Brick will spawn 8 to 10 sq. ft.

Direct No. 8. Cream White.	For use from April to October.		
Direct No. 9. Pure White.	For use from October to April.		
Per brick.....	\$0.35	Per 10 bricks.....	\$2.75
Per 5 bricks.....	1.50	Per 25 bricks.....	6.50
Per 50 bricks.....			\$12.50

If wanted by P. P., allow for postage at the rate of 10c. per brick; 20c. per 5 bricks; 30c. per 10 bricks.

## MUSHROOM OR HOTBED THERMOMETERS

No. 20450. Iron Point, oxidized finish. Price, \$2.25 (by P. P. \$2.45).

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

## MUSTARD

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Southern Giant Curled.....	\$0.10	\$0.20	\$0.40	\$1.00
White or Yellow.....	.10	.15	.35	.85

## ONION SETS

**Tree or Top.** These are used for producing scallions for early spring use; they should be planted in September; they are perfectly hardy. 28 lbs. per bushel. Per qt., 25c. (by P. P., 35c.); 60c. per 4 qts. (by P. P., 75c.); peck, 95c.; \$3.25 per bushel.

## PARSLEY

One ounce will sow a row 100 feet long.

After soaking the seed for a few hours in warm water, it should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter, if given a heavy covering of long manure.

**Champion Moss Curled.** Beautifully crimped and curled. Pkt., 10c.; 25c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$1.75 per lb.

**Double Curled or Covent Garden.** A great improvement over all other varieties; nicely curled leaf. Pkt., 10c.; 25c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$1.75 per lb.

**Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc. Pkt., 10c.; 20c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

**Plain or Single.** Leaves not curled. Pkt., 10c.; 20c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.25 per lb.



Radish, French Breakfast

## RADISH (Early Varieties)

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Crimson Giant.....	\$0.10	\$0.20	\$0.50	\$1.50
Early Scarlet Globe (Special Forcing).....	.10	.25	.65	2.25
French Breakfast.....	.10	.20	.45	1.25
Icicle (Improved Strain).....	.10	.25	.50	1.50
Long Scarlet Short Top.....	.10	.20	.45	1.25
Philadelphia White Box.....	.10	.25	.50	1.50
Round Red Forcing.....	.10	.25	.50	1.50
Scarlet or Cardinal Globe.....	.10	.20	.50	1.50
Scarlet Turnip, White Tipped.....	.10	.20	.45	1.25

## RADISH (Summer and Winter Varieties)

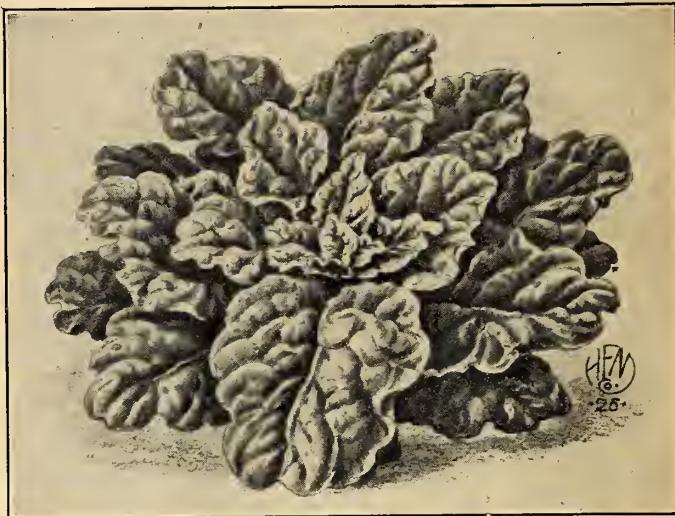
	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Celestial or White Chinese.....	\$0.10	\$0.20	\$0.45	\$1.25
China Rose.....	.10	.20	.45	1.25
Long Black Spanish.....	.10	.20	.45	1.25
White Strasburg.....	.10	.20	.45	1.25

A complete offering of Vegetable Seeds will be found in our General Catalog that was issued in January; copy may be had on request.

## RHUBARB ROOTS (Ready last of October)

Rhubarb is as readily obtainable in winter as in spring. The clumps, which should be at least four years old, should be planted in good garden soil in a cool cellar, preferably as dark as possible. When practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors.

**Victoria.** 3 for 60c. (by parcel post, 75c.); \$2.00 per doz. (by parcel post, \$2.35); per 100, \$12.00.



Spinach, King of Denmark

## SPINACH

**Bloomsdale Round Seeded Savoy (Improved Strain).** A hardy variety; curled and crimped, thick fleshy leaves, the best for early spring and fall sowing. Per oz., 15c.; 30c. per  $\frac{1}{4}$  lb.; lb., 65c.; \$3.00 for 5 lbs.; 10 lbs., \$5.50.

**King of Denmark (New).** Large yielder and of excellent quality. 15c. per oz.;  $\frac{1}{4}$  lb., 30c.; 65c. per lb.; 5 lbs., \$3.00; \$5.50 per 10 lbs.

**Long Season.** Produces large plants and leaves which are strong and robust. The leaves are curled and tender. Per oz., 15c.; 30c. per  $\frac{1}{4}$  lb.; lb., 60c.; \$3.00 for 5 lbs.; 10 lbs., \$5.50.

**Market Gardener's.** Leaves broad, heavy, dark green and glossy; excellent quality. 15c. per oz.;  $\frac{1}{4}$  lb., 30c.; 65c. per lb.; 5 lbs., \$3.00; \$5.50 per 10 lbs.

## TOMATOES (Forcing Varieties)

**Bide's Recruit.** Medium size, bright red. Pkt., 25c.

**Comet.** Large clusters of medium size fruit of the brightest red. Pkt., 10c.; 35c. per  $\frac{1}{2}$  oz.; oz., 60c.; \$2.00 per  $\frac{1}{4}$  lb.

**Sutton's Perfection.** A very smooth fruit, borne singly on plants with little foliage; vermillion red color; original packet, \$1.25.

## TURNIP AND RUTA BAGA

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Cow Horn.....	\$0.10	\$0.20	\$0.35	\$0.90
Early Purple Top Flat.....	.10	.20	.35	.85
Early White Flat Dutch.....	.10	.20	.35	.90
Purple Top White Globe.....	.10	.20	.40	1.00
Snowball.....	.10	.20	.35	.85
Southern Seven Top.....	.10	.20	.35	.85
Yellow Aberdeen. Globe shaped.....	.10	.20	.35	.90
Yellow Globe, or Amber.....	.10	.20	.35	.90
Ruta Baga, Yellow Purple Top.....	.10	.20	.40	1.00

(ot)



## MICHELL'S RELIABLE GRASS SEED

All prices Subject to  
Market Changes

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest quality. We make special formulas to suit various soils, climatic and local conditions.

**Quantity to Sow for Lawns.** On a small scale a quart will usually seed a space 10 x 10 feet though twice that quantity is better; 6 to 8 bushels of 20 lbs. per bushel on new ground without grass, is the proper quantity per acre; 1 peck is needed for a space of 1000 square feet;  $\frac{1}{2}$  bushel for a space 2000 square feet; 1 bushel for a space 4000 square feet or say 40 x 100 feet. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 4 to 5 bushels per acre, based on a 20 pound bushel.

If Mixed Grass Seeds are wanted by parcel post, add for postage as follows: 10c. for 2 qts.; 10c. for 4 qts.; 15c. per peck; 20c. per  $\frac{1}{2}$  bu.; 35c. per bu.

### MIXTURES FOR LAWNS

**Michell's "Top Notch" Lawn Grass Seed.** The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. 25c. per pt.; qt., 50c.; 90c. for 2 qts.; 4 qts., \$1.75; \$3.25 per pk.; bu., \$12.50; \$47.50 per 100 lbs.

**Michell's Green Velvet Lawn Grass Seed.** Produces a perfect turf; composed of close growing, fine leaved hardy grasses. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

**Michell's Evergreen Lawn Grass Seed.** Composed of the finest native and foreign short growing and fine bladed grasses. 20 lbs. per bushel. 20c. per pt.; qt., 35c.; 70c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; \$37.50 per 100 lbs.

**Michell's Clover Lawn Grass Seed.** A mixture containing a liberal quantity of the best recleaned White Clover, which is peculiarly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lbs. per bu. 30c. per pt.; qt., 60c.; \$1.10 for 2 qts.; 4 qts., \$2.10; \$4.00 per pk.; bu., \$15.00; \$47.50 per 100 lbs.

**Michell's Seashore Lawn Grass Seed.** Contains such grasses as thrive in salt air regions. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. per 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

**Michell's Shaded Lawn Grass Seed.** Will produce a perfect sward in the most densely shaded places. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. per 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

**Fairmount Park Lawn Seed.** A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. per 2 qts.; 4 qts., \$1.00; \$1.90 per pk.; bu., \$7.00; \$32.50 per 100 lbs.

**Michell's "Airport" or Aviation Field Grass Seed.** A mixture composed of grasses especially suited to the purpose. Sow 6 to 10 bu. per acre. 20 lbs. per bu. \$20.00 per 100 lbs.; 1000 lbs., \$195.00.

**Special Sod Grass Seed.** Produces a heavy sod in a short time. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. per 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

**Michell's Terrace or Embankment Grass Seed.** This mixture is composed of deep rooting varieties properly blended which will give very satisfactory results. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

**Southern States Evergreen Lawn Grass Seed.** Made up especially for dry, hot localities; especially suited to the Southern States. 20 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

### MIXTURES FOR PLEASURE GROUNDS

**Michell's Fairways (Golf Course) Mixture.** Composed of short-growing, deep-rooted varieties that resist wear. Fairways to retain their permanency should receive additional sowings during the season. 20 lbs. per bu. \$2.25 per pk.; bu., \$8.00; \$37.50 per 100 lbs.

**Michell's Athletic Field Grass Seed.** A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. 20 lbs. per bu. \$2.25 per pk.; bu., \$8.00; \$37.50 per 100 lbs.

**Michell's Putting Greens Mixture.** A mixture of quick-growing, short, fine-bladed grasses, over which the ball can roll without resistance. 25 lbs. per bu. 40c. per pt.; qt., 75c.; \$1.40 for 2 qts.; 4 qts., \$2.50; \$4.75 per pk.; bu., \$18.00; \$67.50 per 100 lbs.

**Michell's Teeing Grounds Mixture.** Used on golf course tees or in other places where a tough, resisting turf is wanted. 20 lbs. per bu. 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; \$47.50 per 100 lbs.

# MICHELL'S RELIABLE GRASS AND CLOVER SEED

## MISCELLANEOUS MIXTURES

**Michell's Permanent Pasture Grass Seed.** This mixture is a combination of hardy grasses which are the most nutritious for stock feeding or grazing. Sow 4 to 5 bu. per acre on new land or 2 bu. on established pastures. 20 lbs. per bu. \$1.75 per pk. (by P. P. \$1.90); bu. \$6.50 (by P. P. \$6.85); \$30.00 per 100 lbs.

**Michell's Permanent Hayfield Grass Seed.** Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 4 to 5 bu. per acre on new lands or 2 bu. on established fields. 20 lbs. per bu. \$1.75 per pk. (by P. P. \$1.90); bu. \$6.50 (by P. P. \$6.85); \$30.00 per 100 lbs.

## GRASSES IN SEPARATE VARIETIES

If separate varieties of Grass Seeds are wanted by Parcel Post, add 10c. per lb.; 30c. per 10 lbs., for postage; larger quantities by express or freight.

**Bent Grass, Colonial, or Velvet.** Especially valuable for putting greens. 20 lbs. per bu. 95c. per lb.; 10 lbs., \$9.00; \$21.75 per 25 lbs.; 100 lbs., \$85.00.

**Bent Grass, Creeping.** For lawns putting greens tennis courts, etc. 18 lbs. per bu. 85c. per lb.; 10 lbs., \$7.90; \$19.25 per 25 lbs.; 100 lbs., \$75.00.

**Bent Grass, Rhode Island.** For sowing at seashore resorts, on putting greens, tennis courts, etc. Sow 100 lbs. on a putting green, 100 ft. square. 20 lbs. per bu. 95c. per lb.; 10 lbs., \$9.00; \$21.75 per 25 lbs.; 100 lbs., \$85.00.

**Bermuda Grass.** For sowing as far North as Washington, D. C., 35 lbs. per bu. 45c. per lb.; 10 lbs., \$3.85; \$9.00 per 25 lbs.; 100 lbs., \$35.00.

**Blue Grass, Fancy Kentucky (Poa Pratensis).** Sow 70 to 85 lbs. per acre on lawns, 50 to 70 lbs. on pasture fields. 14 lbs. per bu. 50c. per lb.; 10 lbs., \$4.25; \$10.00 per 25 lbs.; 100 lbs., \$37.50.

**Blue Grass, Canadian (Poa Compressa).** 14 lbs. per bu. 40c. per lb.; 10 lbs., \$3.25; \$7.50 per 25 lbs.; 100 lbs., \$27.50.

**Crested Dogstail (Cynosurus Cristatus).** Excellent as a pasture and lawn grass. Sow 80 to 100 lbs. per acre. 21 lbs. per bu. 55c. per lb.; 10 lbs., \$4.90; \$11.75 per 25 lbs.; 100 lbs., \$45.00.

**Fescue, Chewing's New Zealand (Festuca Chewing's).** Especially recommended for putting greens and lawns. 14 lbs. per bu. 45c. per lb.; 10 lbs., \$3.90; \$9.25 per 25 lbs.; 100 lbs., \$35.00.

**Fescue, Fine Leaved (Festuca Tenuifolia).** This grass is especially valuable for dry soils. Sow 70 to 85 lbs. per acre. 14 lbs. per bu. 55c. per lb.; 10 lbs., \$4.90; \$11.75 per 25 lbs.; 100 lbs., \$45.00.

**Fescue, Hard (Festuca Duriuscula).** Splendid for golf links, tennis courts etc. Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 45c. per lb.; 10 lbs., \$3.75; \$9.00 per 25 lbs.; 100 lbs., \$31.00.

**Fescue, Meadow (Festuca Pratensis).** Sow 100 lbs. per acre. 22 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50; \$6.00 per 25 lbs.; 100 lbs., \$23.00.

**Fescue, Red or Creeping (Festuca Rubra).** Valuable for putting greens; also for sowing on sandy soil and in shaded places. 14 lbs. per bu. 45c. per lb.; 10 lbs., \$3.90; \$9.25 per 25 lbs.; 100 lbs., \$35.00.

**Fescue, Sheep's (Festuca Ovina).** Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 45c. per lb.; 10 lbs. \$3.75; \$8.50 per 25 lbs.; 100 lbs., \$31.00.

**Herd or Red Top, Fancy Recleaned.** One of the best grasses for sowing for immediate effect. Sow 35 lbs. per acre. 32 lbs. per bu. 35c. per lb.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

**Herd or Red Top, Unhulled (Agrostis Vulgaris).** Sow 60 to 80 lbs. per acre on lawns or 50 to 60 lbs. on pasture lands. 10 lbs. per bu. 25c. per lb.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Orchard Grass (Dactylis Glomerata).** Fine for sowing in shaded places. Sow 50 lbs. per acre. 14 lbs. per bu. 35c. per lb.; 10 lbs., \$2.90; \$6.75 per 25 lbs.; 100 lbs., \$25.00.

## GRASSES IN SEPARATE VARIETIES

### Continued

**Rough Stalked Meadow (Poa Trivialis).** A splendid grass for shady places. Sow 100 lbs. per acre. 14 lbs. per bu. 55c. per lb.; 10 lbs., \$4.20; \$10.25 per 25 lbs.; 100 lbs., \$40.00.

**Rye Grass, Domestic.** Valuable in lawn mixtures demanding immediate effect. 20 lbs. per bu. 20c. per lb.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 100 lbs., \$11.00.

**Rye Grass, English or Perennial (Lolium Perenne).** (Pacey's Fancy Short Seeded). Very quick growing. Sow 100 to 120 lbs. per acre. 24 lbs. per bu. 25c. per lb.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

**Rye Grass, Italian (Lolium Italicum).** Very desirable for pasture; ideal for southern lawns. Sow 100 lbs. per acre. 18 lbs. per bu. 23c. per lb.; 10 lbs. \$1.75; \$4.00 per 25 lbs.; 100 lbs., \$15.00.

**Sudan Grass Seed (Annual).** This belongs to the forage crops. Sow 16 to 24 lbs. per acre. 16c. per lb.; 10 lbs., \$1.25; \$2.50 per 25 lbs.; 100 lbs., \$8.50.

**Sweet Vernal (Perennial).** 85c. per lb.; 10 lbs. \$7.90; \$19.25 per 25 lbs.; 100 lbs., \$75.00.

**Timothy (Phleum Pratense).** Sow 25 lbs. per acre alone. 45 lbs. per bu. 15c. per lb.; 10 lbs. 95c.; \$2.15 per 25 lbs.; 100 lbs., \$7.50.

**Wood Meadow (Poa Nemoralis).** The best grass for sowing under trees. Sow 75 to 100 lbs. per acre. 14 lbs. per bu. 60c. per lb.; 10 lbs., \$5.40; \$13.00 per 25 lbs.; 100 lbs., \$50.00.

## CLOVERS

**Alfalfa or Lucerne (Medicago Sativa).** Non-irrigated Western Grown Seed. This is sown during May August and September. Sow not less than  $\frac{1}{2}$  bushel (30 lbs.) per acre preferably with no other crop. 35c. per lb. (by parcel post, 45c.); larger quantity, price upon application.

**Alfalfa (Grimm Strain).** Claimed to be hardy in any and all regions; a heavy yielder and of deep rooting ability. It requires about 15 to 20 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system. 50c. per lb. (by parcel post, 60c.); larger quantity, price upon application.

**Alsike or Swedish Clover (Trifolium Hybridum).** One of the best for mixing with timothy; perfectly hardy in every climate or soil condition; grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. 35c. per lb. (by parcel post, 45c.); larger quantity, price upon application.

**Bokhara or Sweet Clover (Melilotus Alba).** Used either as a feed crop or as a fertilizer to plow under. Grows from 3 to 5 feet high, thriving on almost any kind of soil. Sow 15 lbs. per acre during April and August. 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.

**Crimson Clover (Trifolium Incarnatum).** This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, 20 lbs. to the acre. 25c. per lb. (by parcel post, 35c.); larger quantity, price upon application.

**Mammoth Red Clover (Trifolium Pratense Perenne).** This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. Sow in early spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs. per acre. 45c. per lb. (by parcel post, 55c.); larger quantity, price upon application.

**Red Clover, Medium (Trifolium Pratense).** Used principally for hay purposes. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. 40c. per lb. (by parcel post, 50c.); larger quantity, price upon application.

**White Dutch or Lawn Clover (Trifolium Repens).** Choice recleaned seed. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 45c. per  $\frac{1}{2}$  lb. (by parcel post, 50c.); lb., 85c. (by parcel post, 95c.); \$4.00 per 5 lbs. (by parcel post, \$4.20); 10 lbs., \$7.75 (by parcel post, \$8.05); \$45.00 per bu. of 60 lbs.; per 100 lbs., \$75.00. Prices on White Clover subject to change.

## NITROGEN GATHERING BACTERIA

**Mulford Culture.** For inoculating Clovers,  $\frac{1}{2}$  bu. size, 60c.; 1 bu. size, \$1.00;  $2\frac{1}{2}$  bu. size, \$2.25; 10 bu. size, \$8.00.

**Nitrogen.** For inoculating Clovers,  $\frac{1}{4}$  bu. size 40c.;  $\frac{1}{2}$  bu. size, 60c.; 1 bu. size, \$1.00; 5 bu. size, \$4.75.

**RAPE**

**Dwarf Essex.** An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. It produces enormous crops and is ideal green manure. 15c. per lb. (by parcel post 25c.); larger quantity, price upon application.

**WINTER RYE**

**Pennsylvania White.** This makes a fine winter cover crop being usually sown in the autumn as late as November; makes a very fine yield of long stiff straw. Winter rye will not mature if sown in spring. 56 lbs. per bu. Sow 1½ bushels per acre.

**Rosen.** An improvement on the above.

Price, either of above, 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

**TIMOTHY SEED**

For sowing among wheat as a second year hay crop, or for sowing alone for a first year hay crop, this is extensively used. We aim to sell the purest and highest germinating quality. 45 lbs. per bushel. 15c. per lb. (by parcel post, 25c.); 10 lbs., 95c.; \$2.15 per 25 lbs.; 100 lbs., \$7.50.

**WINTER VETCH (Vicia Villosa)**

Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, being imported by us direct from Russia, which will absolutely live throughout the winter. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. All stock relish it keenly. 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.

**MICHELL'S CHOICE RECLEANED SEED WHEAT****FORWARD (Beardless)**

This new variety recently introduced has gained rapidly in popularity. It has wonderful stooling properties, a single grain having been known to produce as high as fourteen stalks. A heavy yielder, 55½ bushels per acre having been recorded. A very hardy variety, straw very thick-walled, of good length and bears up its heavy load of grain well. This variety is well liked by millers, the grain being of a dark color and of hard texture; medium early in ripening. Sow 1½ to 2 bushels per acre. Per pk., 90c.; \$1.70 per ½ bu.; per bu. \$3.25.

**LEAP'S PROLIFIC (Beardless)**

A most prolific variety indeed and may be relied upon to give big crops. It stools out strongly and roots deeply. The grain is large, dark red and of the best milling qualities. The heads are large, the chaff is beautiful white and is without beards. "Leap's Prolific" is one of the earliest to ripen and we recommend it as an all around good variety. Sow 1½ bushels per acre. Per pk., 85c.; \$1.60 per ½ bu.; per bu. \$3.00.

**"MIRACLE" (Bearded)**

This valuable wheat was introduced by us in the vicinity of Philadelphia several years ago. It produces a magnificent heavy growth of straw which is very stiff and erect. The head is bearded and contains well-shaped red grains of a semi-hard nature of excellent milling qualities. **It is a tremendous stooled, one grain producing as many as 25 stalks with often 45 grains to the head or stalk.** It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impressed upon us very forcibly **not to recommend the sowing of more than one bushel per acre**, as if seeded heavier it is liable to choke itself, on account of its free stooled habit. It is early to mature and produces straw often 5 feet high. Per pk., 85c.; \$1.60 per ½ bu.; per bu., \$3.00.

**PENNSYLVANIA 44 (Bearded)**

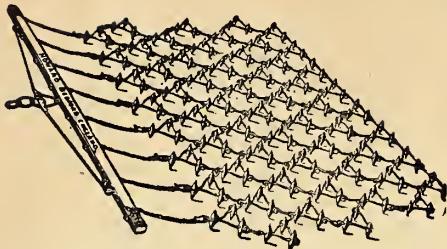
A new variety originating at the Pennsylvania Agriculture Experiment Station and developed from the Fulcaster. Grains red, purple straw, white chaff. It is a few inches taller than Fulcaster, and with stiffer straw. This variety has yielded an average of 35 bushels per acre for the last several years. Sow 1½ to 2 bushels per acre. Per pk., 90c.; \$1.70 per ½ bu.; per bu., \$3.25.

**RED WAVE (Beardless)**

A very popular variety, succeeding in all kinds of soil and has been especially successful in lands not too rich in lime. Upon sandy, gravelly soil Red Wave is especially suited. This variety is a heavy producer; heads are extremely long, with grains closely set; on good rich soil this variety has yielded 40 to 45 bushels per acre. It takes a little longer for this variety to mature than the earliest varieties. The straw is long and withstands storms remarkably well. Grains large and dark red and produces flour of good quality. This is truly a worthy variety, the result of a cross of Red Clawson and an unnamed cross-breed of Russian parentage. Per pk., 85c.; \$1.60 per ½ bu.; per bu., \$3.00.

Prices on larger quantities of Seed Wheat will be quoted on application.





### SCOTCH CHAIN HARROW

One of the best implements for pulverizing the surface soil, leveling and smoothing; also splendid for covering grass seed, etc. Used on driveways and race tracks it smooths the surface, eliminating ruts and footprints.

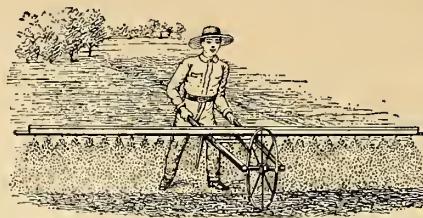
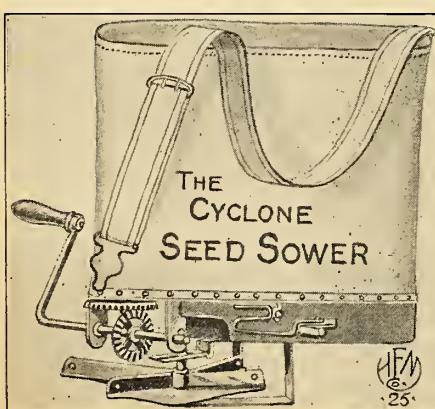
No.	Size	Weight	Price
1F. One-horse size, 5 x 6 ft.	126 lbs.	\$35.00	
2F. Medium two-horse size, 6 x 7 3/4 ft.	236 lbs.	50.00	
3F. Full two-horse size, 9 x 11 ft.	357 lbs.	65.00	



### BROADCAST SEED SOWERS

For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

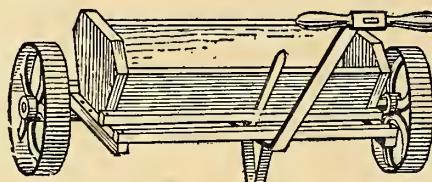
	Each
Cahoon.....	\$5.50
Cyclone.....	3.00



### WHEELBARROW GRASS SEEDER

A practical machine for use on the Farm and also for sowing Parks and Golf Grounds; quickly regulated to sow different quantities per acre.

The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly. No. 9 (especially for Grass Seed), sows a width 14 ft. Price, \$16.00.

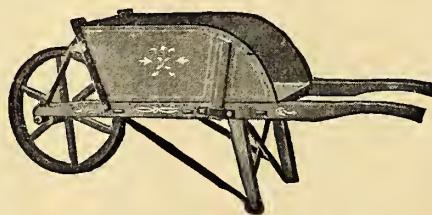


### STEVENS FERTILIZER DISTRIBUTOR

For distributing bone meal, wood ashes and other commercial fertilizers on fields lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution, requiring less time than by the broadcast hand process.

**Hand Machine.** Holds about 2 bu., covering area 3 feet wide. Price, \$25.00.

**Horse Machine.** For use on large lawns, fields and golf grounds. It is furnished equipped for either one or two horses, as may be desired. 5 foot, 10-inch spreading area, \$72.50; 8 foot, 3-inch spreading area, \$77.50.

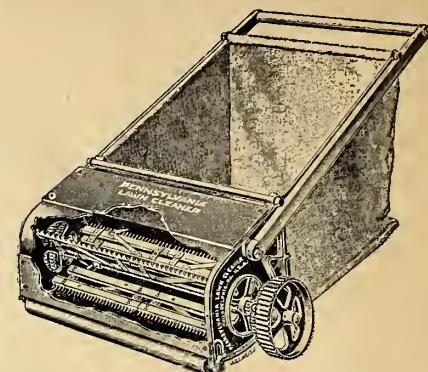


Great American Wheelbarrow

### WHEELBARROWS

The measurements of barrows are understood, viz.: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	No.	Tire Length	Depth			Width	Price
			In.	In.	In.		
Great American	1 2 3/4	30	12	25	25	\$9.50	
Great American	2 2 3/4	28	12	24	24	8.50	
Great American	3 2 3/4	26	12	22	22	8.00	
Great American (Boys').....	4 1 3/4	22	9	18	18	6.00	
Canal. Side dump (bolted).....						5.25	
Special Greenhouse Style. Narrow body and handle width.....						11.00	



### LAWN AND PUTTING GREEN CLEANER

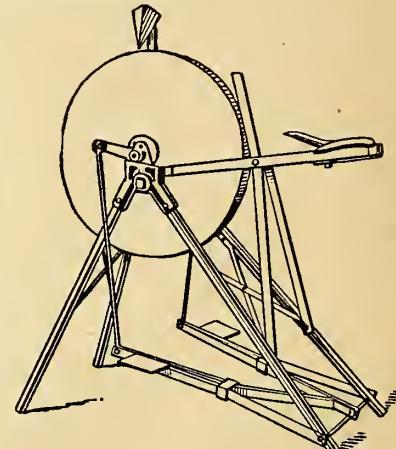
The flexible rake bars are of wood, with steel springs and teeth; they rotate like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity.

24-in. Rake, or Sweeper, \$30.00.

36-in. Rake only, \$42.50.

Please specify when ordering if wanted for lawn or putting greens.

**Sweeping Brushes.** Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Per set of three, 24-inch, \$7.00; 30-inch, \$9.00, when purchased separately.

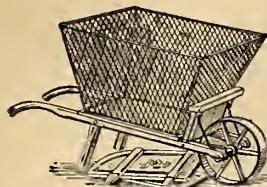


### STERLING MOUNTED GRINDSTONE

Substantially made; heavy steel frame, with seat and double treadles; fitted with improved ball bearings, of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1 3/4 to 2 1/4 inches thick. Weight, 100 lbs.

Shipped knocked down, crated. Price, \$12.00.

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



## KEYSTONE LEAF RACKS

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire bolted to a wooden base. Price, not including wheelbarrow, \$8.00.



## WOOD LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown below.

Leaf Rack only, no truck ..... \$12.00

Leaf Rack with 3½-inch tire truck ... 29.00

Truck with 3½-inch tire wheels, no rack or barrel ..... 18.00



## BARREL TRUCKS, ETC.

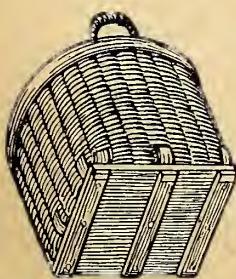
The prices below include barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

3½-inch tire truck, all iron wheels, with barrel ..... \$25.00

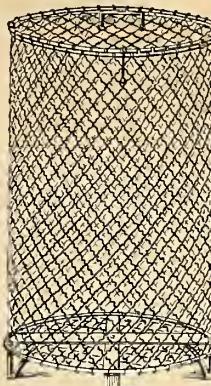
Extra Barrels, with trunnions, open head ..... \$7.00

## RUBBISH BASKETS

On all large places, on the lawn, and in flower and vegetable gardens, a basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.75 each.



## RUBBISH CONSUMERS



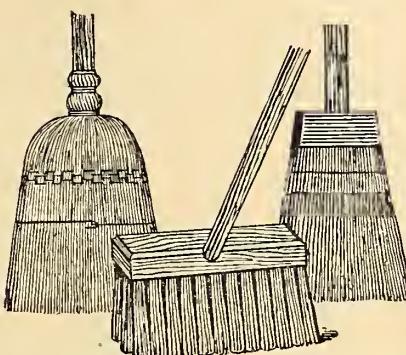
No. 20 Rubbish Consumer

No. 5. Made of heavy crimped wire; pressed steel top and bottom; painted green. 29 inches high. Price, \$4.50 each.

### Extra Heavy Construction

No. 10, 16x22 in..... \$11.50

No. 20, 20x30 in..... 16.50



Plain Corn      Rattan Push      Jap. Fibre

## BROOMS AND BRUSHES

For sweeping paths, gutters, roads, etc.; all with handles.

### BROOMS

No. 230. Japanese Fibre..... \$1.50

No. 8. Corn and Rattan mixed..... 1.00

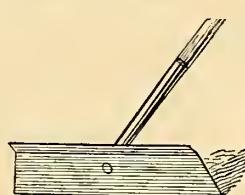
Golf Greens (Birch)..... .30

No. 7. Plain Corn, extra quality..... 1.00

### ROAD BRUSHES

No. 271. Rattan Push, 14-inch..... \$1.25

No. 0286. Bass or Cocoa Push, 14-inch 1.40



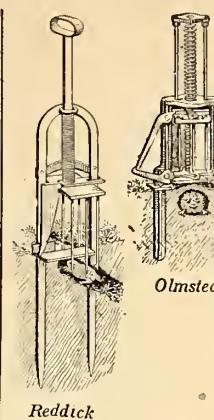
## MEHLER HANDY SCRAPER

This was originally designed as a dropping-board scraper in poultry and pigeon houses. It gets in the corners easily and has a sharp crimped edge on the upper side, which is used to loosen up any hard substance. It is also suited for a variety of other work around the farm or garden. Price, \$1.00.

For complete list of Farm and Garden Accessories see our General Catalog for 1928.

## MOLE TRAPS

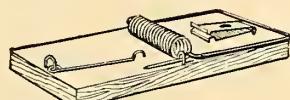
For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A.M. and 5 P.M., so that traps should be set for that period. See illustrations.



Olmsted. Each, \$2.00 (by P. P., \$2.25.)

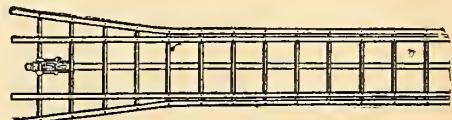
Reddick. Each, \$1.50 (by P. P., \$1.75.)

## OUT-O-SIGHT TRAPS



The most satisfactory mouse and rat trap. Set off at the least vibration.

By P. P.  
Each      Each  
Mouse ..... \$0.10      \$0.15  
Rat ..... .20      .25



## COMPOUND EXTENSION LADDERS

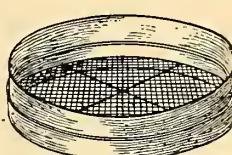
These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

20 feet.....	30 feet.....	70c.
22 feet.....	32 feet.....	per ft.
24 feet.....	36 feet.....	80c.
28 feet.....	40 feet.....	per ft.

10 feet.....	16 feet.....	\$8.80
12 feet.....	18 feet.....	9.90
14 feet.....	20 feet.....	13.00

## STEP LADDERS

Gem. 4 ft. to 10 ft., 65c. per foot.



## SIEVES

(Any Size Mesh)  
Made extra well.

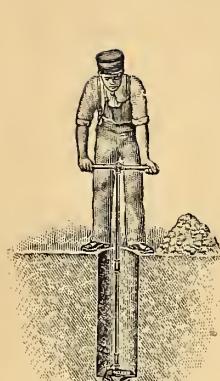
By  
P. P.  
Each      Each

20-inch Steel (Heavy).....	\$1.75	\$1.95
20-inch Galvanized wire.....	1.75	1.95

## LARGE UPRIGHT SIEVE

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. Price, \$20.00.

## MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES



No. 8 Digger



Eureka

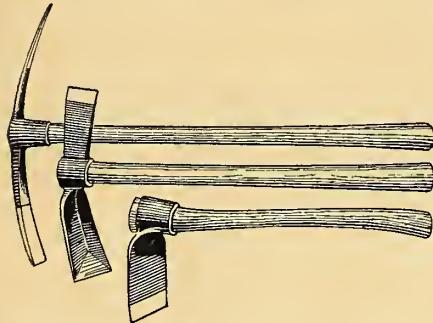
Spade

**POSTHOLE DIGGERS**

No. 8. This bores a hole  $3\frac{1}{2}$  ft. deep and can be adjusted in diameter from 8 to 14 inches, \$5.75.

No. 15. Eureka, \$2.50.

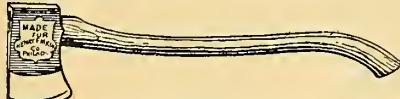
Post Hole Spade. All steel with tamper end, \$2.50.

**PICKS (Price includes Handle)**

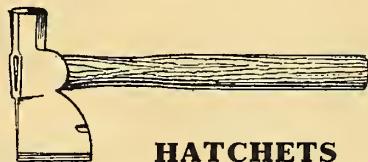
All steel, double point, \$1.50.

**MATTOCKS****(Price includes Handle)**

Axe pointed..... \$1.75  
Pick pointed..... 1.50  
Half Mattocks or Grub Hoes..... 1.50

**AXES**

Plumb Make. Medium, man's size; made of best quality steel, \$2.75 (by P. P., \$3.00).

**HATCHETS**

Made of the best quality tool steel. Plumb. \$1.15 (by P. P., \$1.30).

**STEEL HAMMERS**

No. 011 $\frac{1}{2}$  Pexto. 90c. (by P. P., \$1.00).

**MONKEY WRENCHES**

For machinery. Made of first quality hard steel. 8-inch, 65c. (by P. P., 80c.); 10-inch, 80c. (by P. P., 95c.).

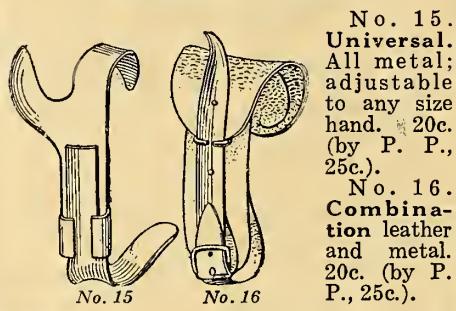
**STEEL PLIERS**

By P. P.  
No. 133. Side cutting, 6-inch..... \$1.00 \$1.10  
133. Side cutting, 7-inch..... 1.10 1.20

**PEXTO SCREW DRIVERS**

4-in. blade..... \$0.50  
5-in. blade..... .60  
6-in. blade..... .65  
7-in. blade..... .75  
10-in. blade..... 1.00

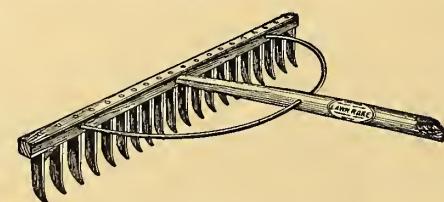
If wanted by Parcel Post, add 10c. each for postage.

**HUSKING PINS**

No. 15. Universal. All metal; adjustable to any size hand. 20c. (by P. P., 25c.).  
No. 16. Combination leather and metal. 20c. (by P. P., 25c.).

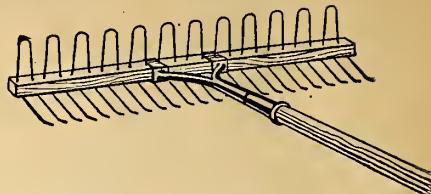
**CORN KNIFE**

Little Giant. Made of high grade steel, oil tempered; polished on one side; tang extends through oval wood handle. Price, 60c. (by P. P., 75c.).

**MICHELL ALL-WOOD LAWN RAKE**

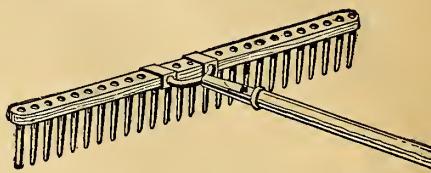
Substantially built of hardwood, but light in weight; the special shaped teeth make it easy to get the loose grass without digging out the grass roots; excellent for raking leaves.

No. 122—22-tooth..... \$1.25  
No. 126—26-tooth..... 1.50

**WIRE LAWN OR GRASS RAKE**

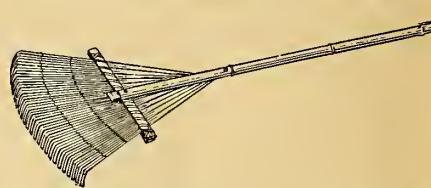
Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

No. 124R—24-tooth..... \$0.80  
No. 36LR—36-tooth..... 1.50  
No. 342H—42-tooth, very close for cleaning off putting greens..... 1.50

**OLE OLSEN LAWN RAKE**

Made of best hard wood, well braced; teeth set close together.

26-tooth, hickory wood. Price, \$1.00.

**JAPANESE BROOM RAKE**

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom.

Price, with bamboo handle..... \$0.75  
With hardwood handle..... 1.25  
24-inch size, with bamboo handle..... 1.50

**STEEL BRUME RAKE**

Spring steel teeth; will remove the smallest leaves and litter. Price, \$1.25 each.

**WOODEN RAKES**

Ames No. 37X. 24-tooth, steel bows... \$1.50  
Ames No. 30X. 14-tooth, hard wood... 1.15  
Wire Braced. 20-tooth, lawn..... .70

**AUTOMATIC LAWN RAKE**

A backward motion of the operator clears all the teeth at once.

Wood, 26-tooth..... \$1.50  
Wood, 38-tooth..... 2.00  
Wire, 24-tooth..... 1.75



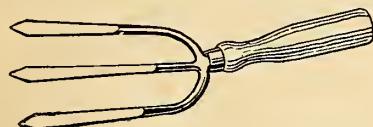
### WIRE SCOOP SHOVEL

For handling potatoes, turnips and root crops without bruising or cutting. Made of heavy steel wire. \$3.00



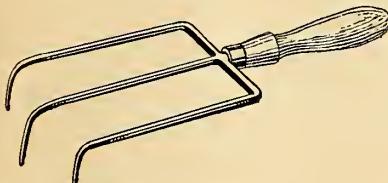
### SNOW SHOVELS

Adams. Wood, D handles. \$1.25  
 Phillips. Wood, long handle. 1.00  
 Owosso. Galvanized, 16-inches wide (see illustration). 1.50



### EUREKA WEEDING FORK

Letter G. Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds, etc., 50c. (by parcel post, 60c.).  
 G4. With 4-foot handle, 75c.



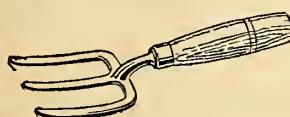
### EUREKA WEEDER No. 6

Letter E. Made of flexible steel; very light, an ideal tool for market gardeners, florists and amateurs, 50c. (by parcel post, 60c.). E4. With 4-foot handle, 75c.



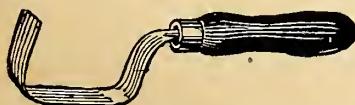
### EXCELSIOR WEEDER

Made of malleable iron, finished in tin, 12c. (by parcel post, 20c.).



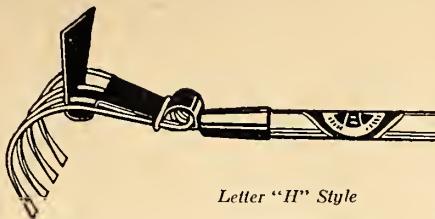
### EXCELSIOR WEEDING FORK

No. 300. Made of malleable steel, finished in tin. 12c. (by parcel post, 20c.).



### HAZELTINE WEEDER

No. BW1, 35c. (by parcel post, 45c.).



### MAGIC WEEDEER

Made of heavy galvanized flexible wire with flattened prongs or ends.

Letter A. Short handle, small. \$0.20 (by parcel post, 30c.)  
 Letter B. Short handle, medium. .30  
 Letter F. Long handle. .75  
 Letter H. Long handle, large. 1.25



### JOHNSON STEEL TROWELS, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.

5-in. .070  
 6-in. .75  
 7-in. .80



### D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade, 85c. each.



### CLEVES' ANGLE TROWEL No. 217

For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

5-inch. .20  
 6-inch. .25  
 7-inch. .30

### BULB TROWEL

Heart shaped blade, 4 3/4 in. wide, for planting out bulbs and plants. Price, \$1.25 (by P. P., \$1.35).



### TRANSPLANTING TROWEL

Steel shank and blade, 75c.

### MISCELLANEOUS TROWELS

Each  
 No. 213—5-inch. .20  
 No. 213—6-inch. .25  
 No. 0. Neverbreak—6-inch, heavy steel. .20

If Trowels are wanted by parcel post add 10c. each for postage.



### DIBBLES

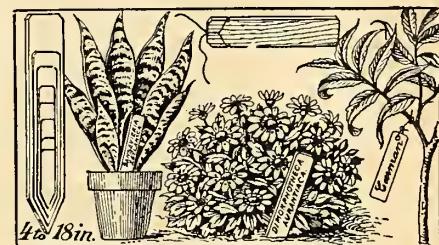
For Planting Bulbs, Etc. Equipped with wooden handles.

No. 2180. Brass point, \$1.00 (by parcel post, \$1.10).  
 No. 218. Iron point, 85c. (by parcel post, 95c.).



### IMPROVED DANDELION WEEDEER

This is an essential tool for lifting dandelions and other similar weeds from Golf Greens and Lawns, also a handy tool for cemetery gardeners; made all in one piece, it will not bend and there is no wooden handle to come off. Price, 75c. each (by parcel post, 85c.).

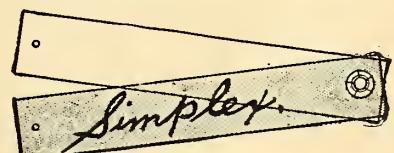


### TREE LABELS

If wanted by parcel post, add 10c. per 100; 25c. per 1000 for postage. 100 1000  
 Iron Wired. Plain. \$0.35 \$2.25  
 Iron Wired. Painted. .40 2.75  
 Copper Wired. Plain. .40 2.75  
 Copper Wired. Painted. .50 3.25  
 Copper Sheet wired, 30c. doz. 1.75  
 Zinc Sheet wired, 30c. doz. 1.75  
 Indelible Marking Pencils. Each .15

### PAINTED POT LABELS

By P.P.  
 100 per 100 1000  
 4 inch. .35 .40 \$2.25  
 4 1/2 inch. .40 .45 2.75  
 5 inch. .45 .50 3.00  
 6 inch. .55 .65 3.50  
 8 inch. 1.60 1.70 9.00  
 10 inch. 1.75 1.90 11.00  
 12 inch. 2.25 2.45 14.00  
 18 inch, for field use. 5.00 5.25 45.00



### Simplex Weatherproof Plant Label

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica.

Prices, include copper wires for attaching. If wanted by parcel post, add 5c. per doz., 10c. per 100 for postage.

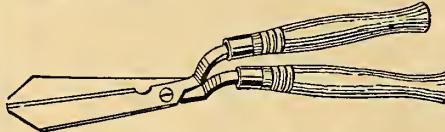
Sizes	Doz.	100
No. 1—3 x 1/2 inch. .50	\$0.50	\$3.00
No. 2—4 x 3/4 inch. .85	.85	5.00
No. 3—5 x 1 inch. 1.10	1.10	7.00

## MICHELL'S HORTICULTURAL AND GARDEN SUPPLIES

## LITTLE WONDER HEDGE TRIMMER

Designed only for trimming back the new growth of hedge. The machine is built along the most practical mechanical lines and of best material. The cutting knife runs backward and forward through a knife guard and is operated by turning a wheel.

**Junior.** 30-in. cut.....\$25.00  
**Little Wonder.** 40-in. cut.....27.50  
**Little Wonder.** 60-in. cut.....35.00



## HEDGE SHEARS

If wanted by Parcel Post, add 25c. each for postage.

No.	Disston American	Eng-	lish
101A. 6 1/2-inch, Ladies'	\$1.50		
101A. 8-inch.....	2.50	\$3.25	
101A. 9-inch.....	2.75	3.50	
101A. 10-inch.....	3.00	4.00	
101A. 12-inch.....	3.25	4.75	

Bolts and Nuts for hedge shears, 30c.

Handles for Hedge Shears \$1.00 per pair.

## YEAKLE HEDGE SHEAR

These shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp. Price, \$6.00 (by P. P., \$6.50).

## STEEL HEDGE KNIVES

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

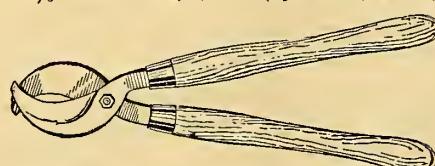
**No. 1.** Short handle, \$1.10 (by P. P., \$1.25).  
**No. 3.** Large heavy style, \$5.00.

## LOPPING SHEARS

**No. 1.** Disston Lopping. Polished hard-wood handle, 20 inches long, 27 1/2 inches long over all; heavy ferrule; heavy blades for heavy work; weight, 3 1/4 lbs. Price, \$3.00 (by P. P., \$3.25).

**No. 2.** Disston Vine Lopping. Details same as above, excepting it is made slightly lighter for smaller work; weight 3 lbs. Price, \$2.75 (by P. P., \$2.90).

**No. 3.** Disston Bull Dog Lopping. Both jaws curved and both cutting jaws; weight 3 1/2 lbs. Price, \$2.75 (by P. P., \$2.90).



## RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. 24-inch and 28-inch handles. Price, \$5.00 (by P. P., \$5.25).

## ENGLISH LOPPING SHEAR

No. 109. Made of the finest English steel; 4-inch cut; will sever heavy branches readily. Price, \$6.75 (by P. P., \$7.00).

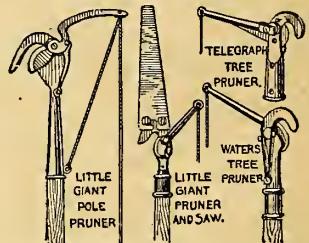


## PRUNING SHEARS

If wanted by Parcel Post add 15c. each for postage and insurance.

No.	Length	Each
5695 Elbersmit	9 1/2 in.	\$3.50
5945 Elbersmit	9 in.	3.00
5668 Elbersmit	7 1/2 in.	2.00
5668 Elbersmit	8 1/2 in.	2.25
5668 Elbersmit	9 1/2 in.	2.50
1586 French	7 in.	2.25
1586 French	8 in.	2.50
23 Levin		.75
23 Henckel, Nickeled	4 1/2 in.	2.25
23 Henckel, Nickeled	6 1/2 in.	2.50
65 Pexto American	9 in.	1.75
50 Pexto	8 in.	1.00
R 50 Pexto	9 in.	1.25
14 Pexto, Nickeled	6 1/2 in.	1.50
0 Pexto	9 in.	.60
109 Wiss	8 in.	3.50
105 Disston	8 1/2 in.	1.50
110 Perfection	8 in.	3.00

Spiral Springs for any of the above Pruning shears, 20c. each; per doz., \$2.00.



## TREE PRUNERS

Disston's Little Giant. Pruner....\$2.25

Disston's Little Giant. With saw attachment.....3.25

If wanted by Parcel Post, add 15c. each. Prices are for Pruner without rope or pole.

## TELEGRAPH TREE PRUNERS

Removable blade, which can be renewed when worn out for 35c. Price plain, without pole, \$2.10 (by P. P., \$2.25).

## WATERS TREE PRUNERS

With pole and removable cutting blade.

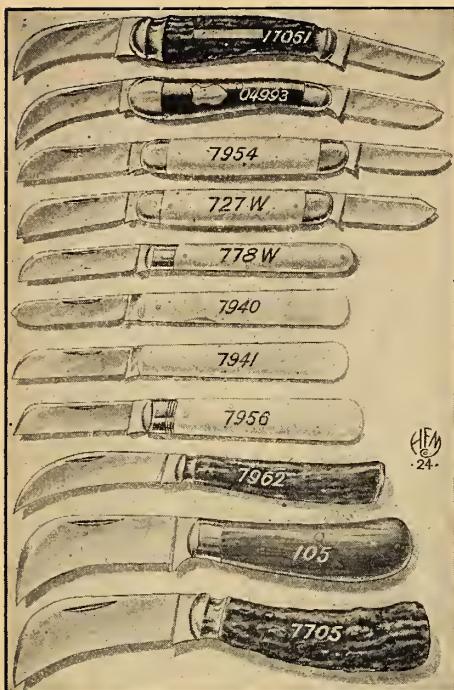
4 feet.....	\$2.50	10 feet.....	\$3.25
6 feet.....	2.75	12 feet.....	3.50
8 feet.....	3.00	14 feet.....	4.00

Extra Blades for Waters Pruners, 35c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

## POLES FOR TREE PRUNERS

12 feet long, 1 1/4 inches diameter.....	\$2.75
14 feet long, 1 1/2 inches diameter.....	3.00



## HORTICULTURAL KNIVES

Our stock consists of such styles that are practical and in demand. They are all of the best steel.

## WOSTENHOLM ENGLISH

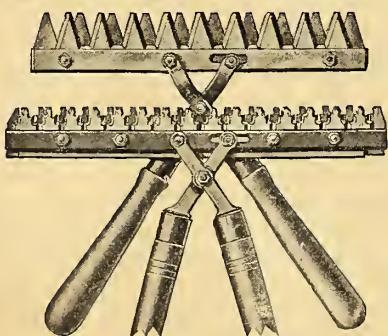
No.	Each
7705 Pruning, 1 blade, stag handle, extra heavy.....	\$3.00
7940 Budding, 1 blade, white handle.....	2.75
7941 Budding, 1 blade, white handle.....	3.00
7954 Budding, 2 blade, white handle.....	3.00
7956 Budding, 1 blade, white handle.....	3.50
7962 Pruning, 1 blade, stag handle.....	2.25
17051 Pruning, 2 blades, stag handle.....	3.25

## AMERICAN MAKE

105 Pruning, 1 blade, cocoa handle.....	1.10
727W Budding, 2 blades, white handle.....	1.25
778W Budding, 1 blade, white handle.....	1.00
04993 Budding and Pruning, 2 blades ebony or stag handle.....	1.25
Florists Favorite. 1 blade, white handle; an excellent knife for the gardener.....	1.25

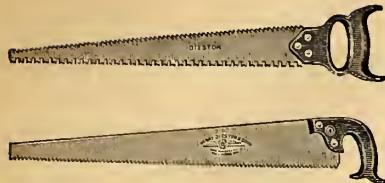
## SIMPLICITY HEDGE TRIMMER

To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, \$4.00 (by P. P., \$4.25).



## SIMPLICITY HEDGE PRUNER AND TRIMMER

For pruning back old growth and trimming new, \$6.00 (by P. P., \$6.25).



## DISSTON PRUNING SAWS

If wanted by Parcel Post, add 15c. each for postage.

No. 4.	18-inch.	Double edge	\$1.75
No. 4.	20-inch.	Double edge	2.00
No. 7.	16-inch.	Single edge	1.60
No. 7.	18-inch.	Single edge	1.70
No. 7.	20-inch.	Single edge	1.80
No. 7.	22-inch.	Single edge	2.15

15-inch. California Pattern. Crescent shaped blade. 1.25



## CROSS CUT LOG SAWS

Disston Make

Keystone No. 3, one-man, 3 1/2 ft. blade. \$3.50  
Gt. American, two-man, 5 ft. blade. 5.50



## CARPENTER SAWS

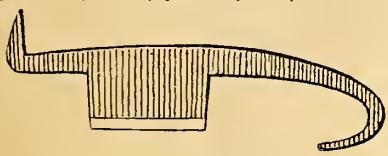
State if rip or cross-cut is wanted.

Disston No. 8D. 26-inch blade. \$3.50  
Disston No. 8D. (Rip) 28-inch blade. 3.75



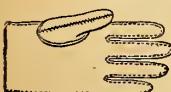
## GRAFTING WAX

1/4 lb., 20c.; 30c. per 1/2 lb. (by P. P., 35c.); per 1 lb., 55c. (by P. P., 65c.).



## GRAFTING TOOL

Made of the best steel. For grafting trees, etc. \$1.75 (by P. P., \$1.85).



## LEATHER PRUNING GLOVES

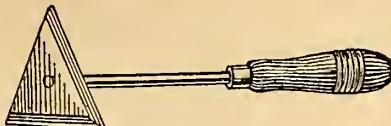
If wanted by Parcel Post, add 10c. per pair for postage. Pair

No. 225. Horsehide, with gauntlets, not lined. \$2.75

No. 280. Horsehide, with gauntlets, lined. 2.00

No. 228. Horsehide, no gauntlets, not lined. 2.75

No. 288. Horsehide, no gauntlets, lined. 1.75



## TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. No. 5, short handle, 65c. (by P. P., 75c.); No. 1, 2-foot handle, extra heavy, \$1.25.

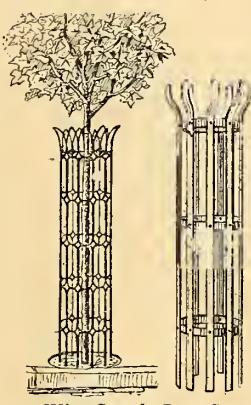
## TREE OR BARK BRUSHES

For brushing down trees for removing insects, borers, etc. Made of steel. Price, 8 1/2-inch, 40c. (by P. P., 50c.).

## TREE GUARDS

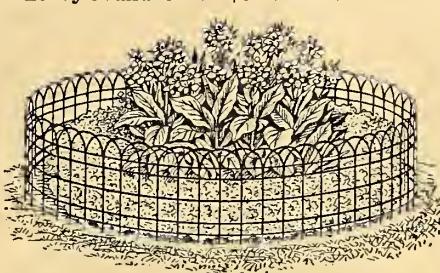
### Galvanized

**Wire.** Carefully made of heavy material and finished in a neat and substantial manner. 12 in. diam., \$2.00; 9 in. diam., \$1.75 each.



**No. 4. Iron.** Made of flat iron, finished black; will last indefinitely with an occasional painting. \$4.00 each.

**Phila. Official Tree Guard.** Made of heavy round iron. \$6.50 each.



## FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 165 running feet. 16 in. Less than 165 ft. roll, 12c. per ft. 16 in. In roll lots, 165 ft., 10c. per ft. 22 in. Less than 165 ft. roll, 13c. per ft. 22 in. In roll lots, 165 ft., 12c. per ft.

## CEDAR PICKET FENCING

This is tailor-made compared to the ordinary ready-made fencing. Will wear for years without paint. Readily put up and saves time, labor and expense of fence building. Far ahead of and will outwear the old style wire fence by many years. Rolls of 50 feet are carried in stock. 75 and 100 ft. rolls will be shipped from factory.

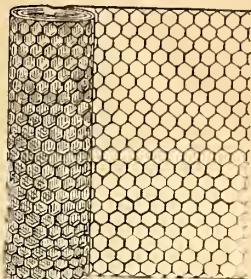
3 ft. high, with 4 galvanized steel double wire cables, 15c. per running foot.

4 ft. high, with 5 galvanized steel double wire cables, 17c. per running foot.

5 ft. high, with 6 galvanized steel double wire cables, 22c. per running foot.

## WIRE NETTING

Price is constantly changing and is subject to market. No. 19. Galvanized, two-inch mesh, 150 running feet per bale.



Width	Per Bale	Width	Per Bale
12 inches	\$1.75	42 inches	\$4.75
18 inches	2.50	48 inches	5.50
24 inches	3.25	60 inches	6.50
30 inches	3.75	72 inches	8.00
36 inches	4.25		

Width	Per Bale	Width	Per Bale
12 inches	\$3.50	42 inches	\$9.25
18 inches	4.75	48 inches	10.25
24 inches	6.00	60 inches	12.00
30 inches	7.00	72 inches	15.00
36 inches	8.00		

## STAPLES

3/4 inch, for fastening netting, 15c. per lb. (by parcel post, 25c.).

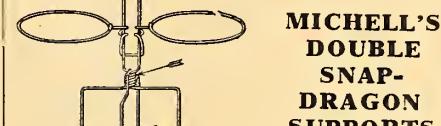
## CUT WIRE NETTING

We can furnish this in both 1- and 2-inch mesh, in units of 25-ft., 50-ft., 100-ft. and 125-ft. lengths. 1-inch mesh at 4c. per square ft.; 2-inch mesh at 2c. per square ft.

## MICHELL'S IMPROVED CARNATION SUPPORTS

The best double support on the market; made of Nos. 11 and 14 galvanized wire, 28 inches high, 3-ring; can be put together in less than a minute; will not fall apart.

Per doz. \$1.75  
Per 100. 12.50  
Per 1000. 110.00



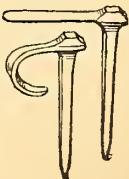
Carnation Support

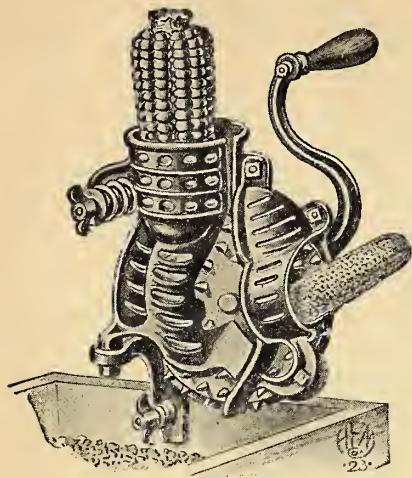
The only support of the kind on the market and indispensable to the proper growing of this popular plant. 48 inches high; 3-ring. Per doz., \$2.50; \$16.50 per 100.

## WALL NAILS

For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall.

1-inch, 45c. per doz. (by parcel post, 50c.); per 100, \$2.75 (by parcel post, \$2.85).
1 1/2-inch, 60c. per doz. (by parcel post, 65c.); per 100, \$3.75 (by parcel post, \$3.95). 2-inch, 75c. per doz. (by parcel post, 85c.); per 100, \$4.50 (by parcel post, \$4.75).





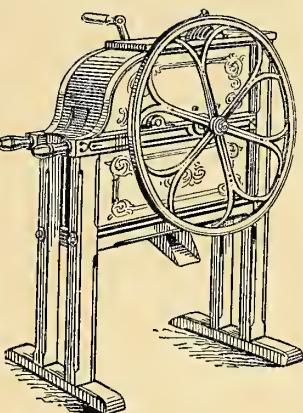
### BLACK HAWK CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing; suitable for fastening to a bench, box, etc., for shelling small quantities of corn. \$3.25 each (by P. P., \$3.60).

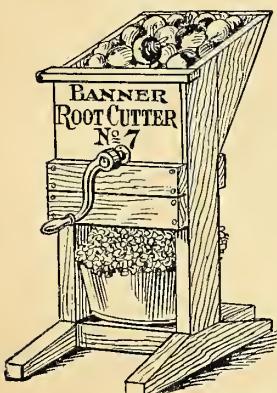
### PENNA. CORN SHELLER

#### No. 3

Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another. \$15.00.



### BANNER ROOT CUTTERS

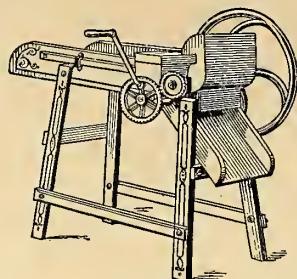


Roots of vegetables cut up fine take the place of grass and greens during the winter months.

No. 7. For poultry, sheep and lambs, \$6.50.

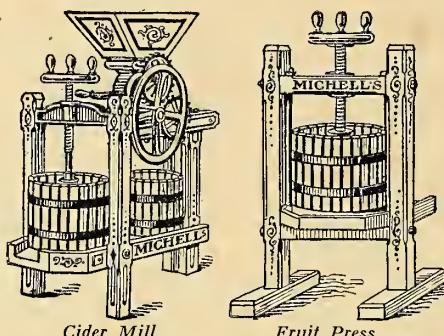
No. 35. Large size, \$30.00.

For complete list of Farm and Garden Accessories, see our General Catalog for 1928.



### HAY AND FEED CUTTER!

For cutting hay, ensilage, etc. No. 11 1/4 Ohio Pony. Single knife. Price, \$35.00.



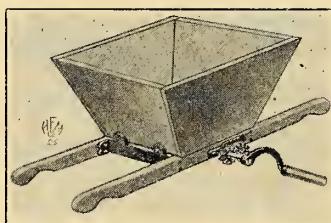
### CIDER MILLS

	Capacity	Price
Junior	5/8 bu.	\$27.50
Medium	3/4 "	35.00
Senior	1 1/4 "	42.50

### FRUIT PRESSES

Made of best quality wood, carefully bolted and finished.

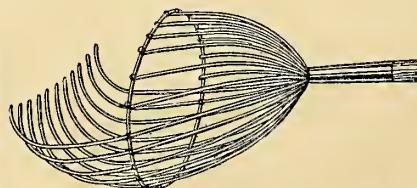
No.	Capacity	Price
1	1/4 bu.	\$ 8.50
2	1/2 "	10.00
3	1 "	14.00
7 Very heavy		35.00



### GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

No. 18	\$7.00
Handy Crusher	8.00



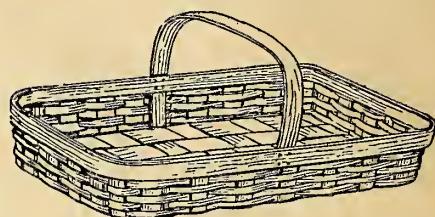
### BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. (by P. P., 60c.).



### JUICY FRUIT PRESS

A very valuable press for making Jellies, Fruit Syrups, Lard, etc. All parts coming in contact with fruit juices are tinned with pure block tin. Base and feet cast as one piece. Price, \$8.50.



### GATHERING BASKET

Very convenient for carrying vegetables, etc. Made of oak, with substantial handles; 12 in. wide, 23 in. long, 4 in. deep. Price, \$1.10 (by P. P., \$1.30).

### GARDEN BASKETS



#### No. 2, Stiff Handle

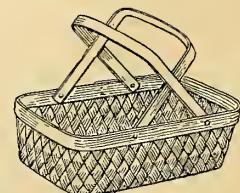
1/2 bu., \$1.00 each  
(by P. P., \$1.20).

#### No. 3, Drop Handle

1/2 bu., \$1.00 each  
(by P. P., \$1.20).

#### No. 4, Without Handle

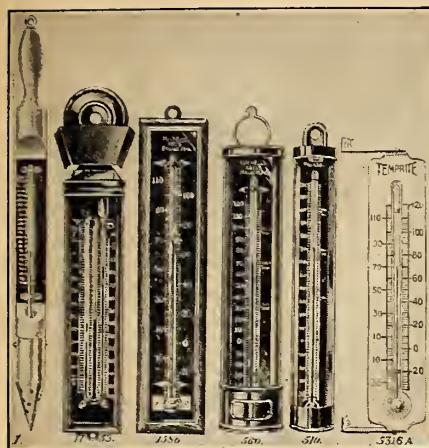
1/2 bu., 85c. each  
(by P. P., \$1.00).  
1 bu., \$1.00 each  
(by P. P., \$1.20).



### SPLINT OR CHIP BASKETS

#### With Double Drop Handles

	Each	Doz.
1/8 bu.	\$0.10	\$1.00
1/4 bu.	.15	1.50
1/2 bu.	.20	1.75
3/4 bu.	.25	2.25
1 bu.	.30	2.75



## THERMOMETERS

**No. 1753. Maximum and Minimum.** Registers the coldest and the warmest point during the previous night. 10 inch, black tin case, each \$5.00 (by P. P., \$5.25).

## TESTED THERMOMETERS

If wanted by Parcel Post, add 10c. each for postage.

Each

No. 506—8 inch, Tin Case.....	\$0.85
No. 510—10 inch, Tin Case.....	1.00
No. 556—8 inch, Greenhouse.....	1.00
No. 560—10 inch, Greenhouse.....	1.25
No. 652—8 inch, Genuine Copper Case.....	2.00
No. 656—10 inch, Genuine Copper Case.....	2.25
No. 1582—8 inch, Wood Back, Black Scale.....	2.00
No. 1586—10 inch, Wood Back, Black Scale.....	2.25
No. 5127—8 inch, Temprite Greenhouse; white enamel, red column.....	1.25
No. 5316A—8 inch, Temprite window or wall, white enamel, red column.....	1.00

## GLASS DAIRY THERMOMETERS

**No. 5724.** For testing milk, etc., also used for soil purposes. 25c. each (by P. P., 35c.).

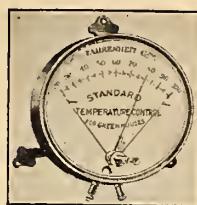
## MUSHROOM OR HOTBED THERMOMETERS

**No. 20450.** Iron Point, oxidized finish, each, \$2.25 (by P. P., \$2.45).

## RECORDING THERMOMETERS

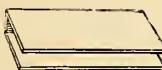
**No. 200.** This type of thermometer which can be equipped with either a daily or weekly chart enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, \$45.00 by express.

We do not guarantee safe arrival of Thermometers if forwarded by parcel post.



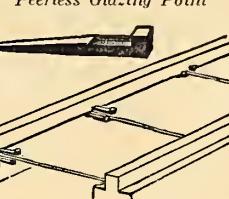
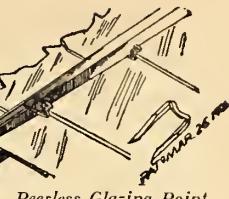
## ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass. No. GH3, not waterproof style, \$11.50 (by P. P., \$12.00). No. GH4, waterproof style, \$17.50 (by P. P., \$18.00).



## PEERLESS GLASS REPAIR CLAMP

For supporting broken lights of glass. Will not rust. Price, \$1.75 per 100 (by P. P., \$1.85).



*Siebert's Glazing Point*

## GLAZING POINTS

**Peerless.** Three sizes.

No. 1, for single thick glass.

No. 2, for single thick glass.

No. 2½, for double thick glass.

Price, 65c. per 1000 (by P. P., 75c.).

**Pincers.** For driving Peerless Points, 60c. (by P. P., 70c.).

**Siebert Style (Zinc).** Made with a prominent head; cannot rust; easily driven. 5/8, 6/8 and 7/8 inches long. 50c. per lb. (by P. P., 60c.); 5 lbs., \$2.40 (by P. P., \$2.60). 1000 to 1200 in a lb.

**Zinc Glazing Nails.** 45c. per lb. (by P. P., 55c.).

## MASTICA

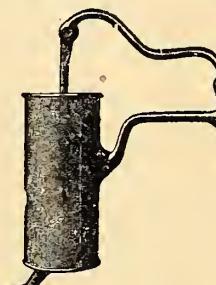
For glazing greenhouses. One gallon will cover about 300 running feet. Gal., \$2.50.

## GREENHOUSE PAINT

A superior white paint for sash bars, sash frames, etc. Per gal., \$4.05.

## PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, \$1.75 (by P. P., \$1.90).



*Mastica Machine*



*Putty Distributor*

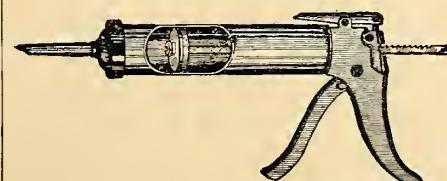
## LIQUID GLAZING PUTTY

Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Per gal., \$2.50.

## MASTICOTE GLAZING CEMENT

Black. Apply with a mastica machine. Per gal., \$1.75.



## GLAZIT GUN

For applying liquid glazing putty, mastica, etc. Price, \$4.75 (by P. P., \$5.00).

## MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$3.00 (by P. P., \$3.15).

## DAYLIGHT GLASS CLEANER

For taking off whitewash shading, etc. Apply with a brush, leave on a few minutes and rinse off with cold water. One gallon will clean 400 to 600 square feet of glass. Per gal., \$2.50; \$10.00 per 5 gals.



### RUBBER HOSE

	Per ft.
Michell's Special, $\frac{1}{2}$ inch	\$.14
Michell's Special, $\frac{3}{4}$ inch	.17
Electric. You cannot kink it. $\frac{1}{2}$ inch	.22
Electric, $\frac{5}{8}$ inch	.23
Electric, $\frac{3}{4}$ inch	.24
Michell's Akron, $\frac{3}{4}$ inch	.21
Michell's Magic, $\frac{3}{4}$ inch	.24
Spray Pump Hose, Electric, $\frac{3}{8}$ inch	.15

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

**Hose Washers.**  $\frac{3}{4}$  inch, 5c. per doz.;  $\frac{1}{4}$  lb., 15c.; 50c. per lb. (by P. P., 60c.). 1 inch, 6c. per doz.;  $\frac{1}{4}$  lb. 20c.; 75c. per lb. (by P. P., 85c.).



Cooper Hose Mender

### HOSE MENDERS

If wanted by parcel post, add 15c. per doz. for postage.

	Each	Doz.
Cooper's, $\frac{3}{4}$ inch	\$.10	1.00
Cooper's, $\frac{5}{8}$ inch	.10	1.00
Cooper's, $\frac{1}{2}$ inch	.10	1.00
Jones Iron, $\frac{3}{4}$ -inch	.10	1.00

### PERFECT HOSE MENDERS

Made entirely of brass, with swivel motion—no band required.

For  $\frac{1}{2}$  inch and  $\frac{3}{4}$  inch hose, 15c. each; doz., \$1.40 (by P. P., \$1.55).



If wanted by parcel post, add 5c. each; 25c. per doz. for postage.

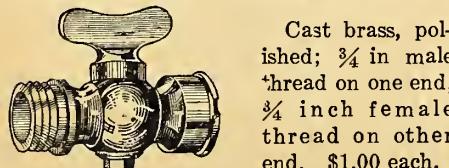
Pair Doz.

Plain Brass (see cut)  $\frac{1}{2}$  inch \$0.20 \$2.00

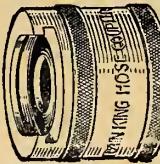
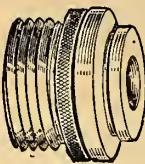
Plain Brass...  $\frac{3}{4}$  inch .20 2.00

**Perfect.** Equipped with a clamp on the male and female part for securing to the hose; no band required; for  $\frac{1}{2}$  and  $\frac{3}{4}$  inch hose; mention which is wanted when ordering. 30c. per pair; doz., \$3.25.

### SHUT OFF CONNECTION



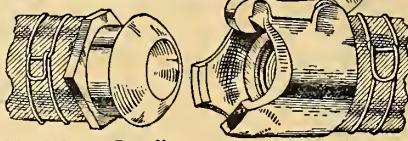
Cast brass, polished;  $\frac{3}{4}$  in male thread on one end;  $\frac{3}{4}$  inch female thread on other end. \$1.00 each.



### RAIN KING COUPLING

Snaps together instantly; fits nozzles, sprinklers and hose connections. 60c. each (by P. P., 65c.).

PATENTED IN UNITED STATES  
AND FOREIGN COUNTRIES



No. 2 Snap Coupling      No. 1 Snap Coupling

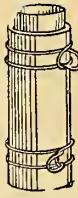
### SNAP HOSE COUPLINGS

These couple hose instantly, work on a spring and are water-tight.

No. 2. Male. 25c. each; per doz., \$1.75 (by P. P., \$1.90).

No. 1. Female. 40c. each; per doz., \$3.50 (by P. P., \$3.65).

Washers, 25c. per doz.



Caldwell Band  
as applied  
to Hose



### HOSE BANDS

For fastening couplings and menders.

#### CALDWELL'S

If wanted by parcel post, add 10c. per gross for postage.

No.	Doz.	Gross
8 For 4-ply hose	\$0.35	\$3.25
6 For 3-ply hose	.35	3.00

#### SURE GRIP

Can be furnished in  $\frac{1}{2}$  inch,  $\frac{5}{8}$  inch and  $\frac{3}{4}$  inch, either size, 5c. each; doz. 40c. (by P. P. 45c.).

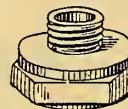
### NO. 68. SIAMESE HOSE CONNECTION



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 65c. each (by P. P., 75c.).

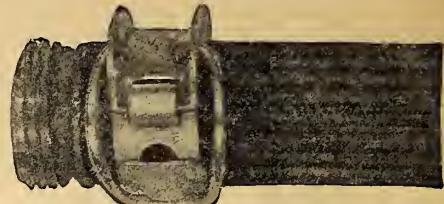
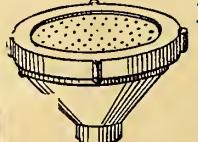
### HOSE REDUCERS

For reducing 1 in. pipe to fit regular  $\frac{3}{4}$  in. hose. Each, 60c. (by P. P. 70c.).



### BINKS NOZZLE

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. \$3.00 each (by P. P., \$3.10).



### NOSCREW HOSE CLAMP

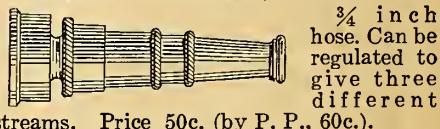
Installed instantly without annoyance by hand, no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nickelized; made in  $\frac{1}{2}$  inch,  $\frac{5}{8}$  inch and  $\frac{3}{4}$  inch sizes. 10c. each; doz., \$1.00. (by P. P., \$1.15).



### AQUAMATIC NOZZLE

A high-grade water control, opening and closing automatically, by slightly pressing lever with the fingers; a positive, quick shut-off; made of heavy cast brass. Price, \$2.00 (by P. P., \$2.10).

### GEM PATTERN NOZZLE



Price 50c. (by P. P., 60c.).

### RAIN KING NOZZLE

Wear-proof, leak-proof and guaranteed; adjustable. \$1.50 each (by P. P. \$1.60).

### MISCELLANEOUS NOZZLES

	Price By P. P.
Boston, Light Copper	\$1.35 \$1.45
Boston, Heavy Brass	1.35 1.45
Champion. A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 50c. each (by P. P., 60c.).	

### HYDRANT ATTACHMENTS

For attaching hose to smooth faucets. No. 2. For small spigot, 50c. (by P. P., 60c.).

No. 3. For large or standard spigot, 60c. (by P. P., 70c.).

### WIRT'S REEL

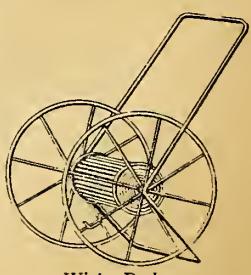
(All Iron)

Indestructible; light in weight.

No. 10 Hold 100 ft. of  $\frac{3}{4}$  in. hose, \$6.00.

No. 20. Holds 150 ft. of  $\frac{3}{4}$  in. hose, \$6.50.

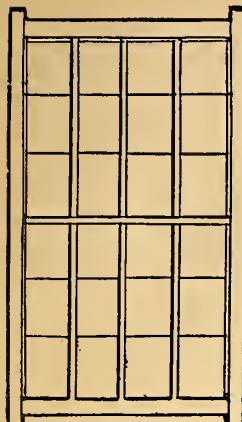
No. 30. Holds 400 ft. of  $\frac{3}{4}$  in. hose, \$9.00.



Wirt's Reel

### VICTOR REEL

Constructed with channel steel frame, cast iron wheels, solid steel reel arms, heavy corrugated steel drum. Holds 100 feet of  $\frac{3}{4}$  inch hose, \$3.50 each.

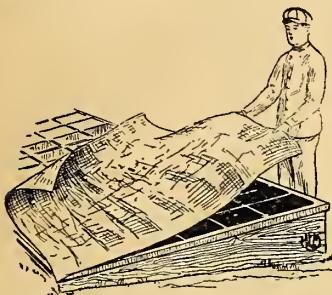


## HOT BED SASH

**Philadelphia Style.** Made of best quality cypress. Size, 3 feet 1 1/2 inches wide, 6 feet long, 1 3/4 inches thick. Plain, not glazed or painted. Each, \$4.25.

Glazed, including prime coat of paint and puttying. Each \$8.00.

Crating Charges on all Glazed Sash, 50c. per sash additional.



## HOTBED MATS

Hotbed mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style are the best mats that is possible to procure. They are padded with shoddy and are practically indestructible.

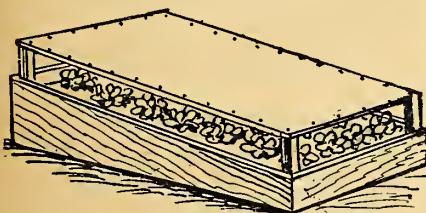
**Burlap, Non Waterproof.** 76 x 76 inches, covering two regular size sash. Each, \$3.50; \$37.50 per doz.

**Burlap, Non Waterproof.** 40 x 76 inches, for one sash. Each, \$2.25; \$23.50 per doz.

**Burlap one side, Waterproof Drill** one side. 76 x 76 inches. \$5.25 each; doz., \$57.50.

**Burlap one side, Waterproof Drill** one side, 40 x 76 inches. \$3.25 each; doz., \$33.00.

Special sizes of the above mats made to order. Prices upon application.



Shading or Protecting Cloth

## SHADING OR PROTECTING CLOTH

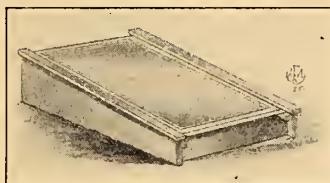
Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards Per piece	Price Per yard	Price Per piece
Light.....	60	\$0.20	\$11.40
Medium....	50	.25	12.00
Heavy.....	40	.35	13.20

## FLEX-O-GLASS

A glazed cloth used in place of glass in poultry houses, hot-beds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind; 35 1/2 inches wide.

Less than 10 yd. pieces	50c. per yd.
10-yd. pieces	45c. "
25-yds. or more	40c. "
Full roll lots (100 yds.)	35c. "



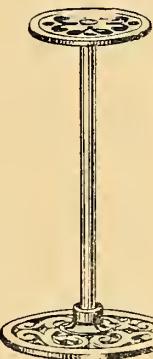
## CUT FLOWER BOXES CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences, very durable.

	Each	Doz.
48 x 14 x 8 inch	\$0.65	\$6.50
42 x 14 x 8 inch	.60	6.00
36 x 14 x 6 inch	.55	5.50
30 x 12 x 6 inch	.45	4.50
24 x 8 x 5 inch	.40	4.00

## CEL-O-GLASS

The real glass substitute for poultry houses, chicken coops, barns, etc., also takes the place of glass in hot-bed sash. 36 inches wide in any length up to 100 feet, 60c. per running ft. Full rolls at 54c. per running ft.



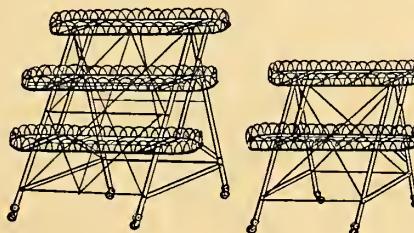
## IRON PLANT STANDS

Enameled green

In.	Size of Plates	Each
12	5 x 7	\$1.50
18	5 x 7	2.00
24	8 x 10 1/2	2.50
30	8 x 10 1/2	3.00
36	8 x 10 1/2	3.25
42	8 x 10 1/2	3.30
48	8 x 12	3.50
60	8 x 12	3.60
72	8 x 12	4.25

## EXTRA PLATES FOR IRON STANDS

	Each
5 inch	\$0.55
7 inch	.70
8 inch	.90
10 inch	1.00
12 inch	1.10



Jones Plant Stands

## WIRE PLANT STANDS

Painted dark green and finished in bronze; very substantial and will carry most any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Price
Jones, 2 shelf	28-in.	30-in.	21-in.	\$5.00
Jones, 3 shelf	36-in.	30-in.	22-in.	6.00



## LIGHT WEIGHT PAPER

Mist green, lined white inside. The sizes offered in this finish are carried in stock, other sizes in this finish, also in manila, mist tan and oxford gray can be supplied on short notice.

L. W. D.	Doz.	100
18 x 5 x 3 inch	\$0.70	\$4.40
24 x 5 x 3 1/2 inch	1.10	7.00
24 x 8 x 4 inch	1.30	8.80
28 x 8 x 5 inch	2.00	12.20
30 x 10 x 6 inch	2.25	16.50
30 x 12 x 7 inch	3.00	21.00
36 x 8 x 5 inch	2.25	16.50

We can also supply other sizes and styles of boxes.

## PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb. 1/2	Rm. Rm.
Manila. For wrapping	\$0.20	\$2.25 \$4.00
Manila Tissue	.20	1.00 1.75
White Wax, 24 x 36 in.	.35	1.65 3.00
Green Wax, 24 x 36 in.	.40	1.75 3.25

## CREPE PAPER

(Waterproof)

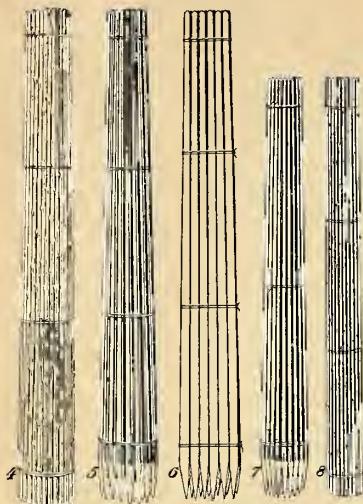
For making pot covers; colors, moss green, nile green, red, blue, pink, yellow, purple, lavender and white; 50c. per roll (by parcel post, 55c.).



## ROOFING PAPER, ETC.

	Sq. ft.	Per roll
Celery Paper	500	\$2.00
Marley Rubber Roofing, 1-ply	108	2.50
Marley Rubber Roofing, 2-ply	108	3.30
Marley Rubber Roofing, 3-ply	108	3.50
Caps for paper. 1 lb., 12c. (by parcel post, 22c.); 5 lbs., 55c. (by parcel post, 75c.).		
Nails for paper. 1 lb., 12c. (by parcel post, 22c.); 5 lbs., 55c. (by parcel post, 75c.).		

## MICHELL'S PLANT STAKES, WIRE, ETC.



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green.

## PLANT STAKES

## No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 foot	\$0.25	\$1.25	\$8.10
2 1/2 "	.30	1.60	9.70
3 "	.40	2.00	11.80
3 1/2 "	.45	2.25	13.70
4 "	.50	2.50	15.90
4 1/2 "	.55	2.75	17.70
5 "	.65	3.00	19.70
6 "	.85	3.50	21.60

## No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000
2 foot	\$0.30	\$1.60	\$11.40
2 1/2 "	.40	2.00	14.20
3 "	.50	2.25	17.00
3 1/2 "	.55	3.00	19.90
4 "	.60	3.25	22.70
4 1/2 "	.65	3.50	25.50
5 "	.70	3.75	28.30
6 "	.95	4.75	34.00

## GREEN PAINTED TAPERING PLANT STAKES

	Each	Doz.	100
1 1/2 foot	\$0.04	\$0.35	\$2.10
2 "	.06	.55	3.75
2 1/2 "	.07	.75	5.50
3 "	.10	1.00	7.00
3 1/2 "	.11	1.15	9.00
4 "	.13	1.40	10.50
5 "	.16	1.85	12.50

## GREEN PAINTED ROSE OR DAHLIA STAKES

	Each	Doz.	100
3 foot	\$0.13	\$1.44	\$11.00
4 "	.17	1.92	15.00
5 "	.22	2.50	19.00
6 "	.27	3.10	23.00

## SQUARE PAINTED PLANT STAKES

	Each	Doz.	100
1 1/2 foot	\$0.04	\$0.35	\$2.10
2 "	.05	.55	3.25
2 1/2 "	.07	.70	4.50
3 "	.11	1.08	7.50
4 "	.15	1.40	9.75
5 "	.20	2.00	14.00
6 "	.25	2.50	16.50

HYACINTH STAKES  
(Wood) Dyed Green

Used for staking hyacinths, tulips and slender plants.

	Doz.	100	1000
5 inch	\$0.05	\$0.25	\$1.10
12 "	.07	.35	2.00
18 "	.10	.45	3.00

## JAPANESE CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	1000
1 1/2 Green	\$0.15	\$0.75	\$4.00
2 "	.20	1.00	6.00
2 1/2 "	.25	1.25	7.00
3 "	.35	1.40	8.00
3 1/2 "	.35	1.75	9.00
4 "	.40	2.00	10.00
5 "	.50	2.25	12.50
6 Natural	.40	2.00	12.50

## CHINESE TONKIN BAMBOO STAKES

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

Doz. 100

4 feet high, 3/8 inch diameter... \$0.60

6 feet high, 5/8 to 3/4 inch diam... 1.25

9.00

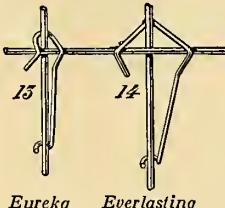
## LIGHTNING WIRE STAKE TIE

For fastening plants to stakes, either wire or wood; can be used many times.

1000 ties in pkg. Price, \$2.50 (by P. P., \$2.60).

## STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.



Eureka Everlasting

500 1000

Everlasting Style heavy... \$2.00

3.50

Eureka Style light... 1.60

3.00

If wanted by Parcel Post, add 10c. per

500; 20c. per 1000 for postage.

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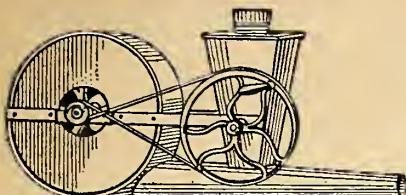
Eureka Style light... 1.60

3.00

If wanted by Parcel Post, add 10c. per

500; 20c. per 1000 for postage.

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### SULPHUR BLOWER

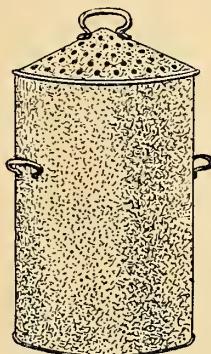
For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to it. A man can dust a very large house in a few minutes by using one of these blowers. Price, \$8.00 (by P. P., \$8.50).

### VAPORIZING LAMP

Practical and indestructible, all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 75c. each (by P. P., 85c.).



Vaporizing Lamp



Perfection Fumigator

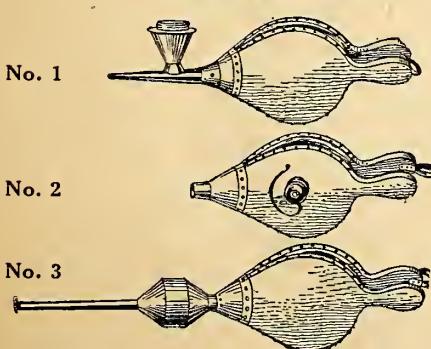
### FUMIGATORS

#### Perfection Make

Fitted with a water tank to prevent burning out.

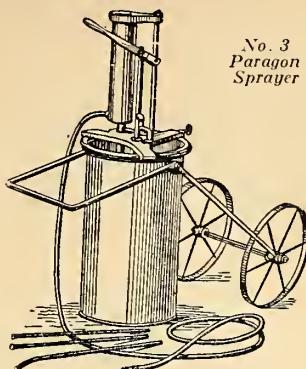
No. 1 for house 12 x 40 ft.....	\$7.50
No. 2 for house 14 x 100 ft.....	9.50
No. 3 for house 20 x 100 ft.....	11.50
No. 5 for house 20 x 150 ft.....	17.50

### WOODASON HAND BELLOW



Price By P.P.

No. 3. Large double cone....	\$6.75	\$7.10
Large single cone.....	4.75	5.00
No. 1. Small single cone....	3.25	3.50
No. 2. Sulphur bellows....	4.00	4.25



No. 3  
Paragon  
Sprayer

### PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

No. 0. Capacity, 3 gallons; equipped with 4 ft. of hose, one 3-ft. extension pipe and 2 spray nozzles. Price, \$12.50  
 No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$17.50  
 No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$25.00. Without truck, \$21.50. We can also supply this sprayer with single wheel at same price.  
 No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles, 25-gal. barrel, complete, \$39.50.  
 No. 5. Capacity of barrel, 50 gallons, equipped with 25 ft. 6-ply hose, one 10-ft. iron extension pipe, one 3-way nozzle and 1 single spray nozzle, no truck, \$45.00.

**Bucket Washers** for Paragon Sprayers, 30c. We can also supply parts for Paragon Sprayers; price list on application.

### AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same.

No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$9.00 (by P. P., \$9.35).

No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$6.00 (by P. P., \$6.35).

**Auto-Pop Nozzle Attachment**; controls the flow instantly by a pressure of the hand. When purchased separately: Plain, \$2.00 each (by P. P., \$2.10); \$2.50 complete with hose (by P. P., \$2.60).



### GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price, within the reach of everyone who has need for such a pump. 2-in. diameter cylinder, bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$12.00.

**Outfit C.**—With agitator, one 15-ft. lead of ½-in. spray hose and one Mistry Jr. nozzle (no barrel), \$18.00.

**Outfit D.**—With agitator, two 15-ft. leads of ½-in. spray hose and two Mistry Jr. nozzles (no barrel), \$24.50.

### GOULD'S POMONA BARREL PUMP. Fig. 1744

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½ in. diam. cylinder only, \$22.00.

**Outfit C.**—With one 15-ft. section ½-in. spray hose and one Mistry Jr. nozzle (no barrel), \$27.50.

**Outfit D.**—With two 15-ft. sections ½-in. spray hose and two Mistry Jr. nozzles, \$33.50.

**Barrels** for holding spray solution, 50 gal. capacity, \$7.00 each.



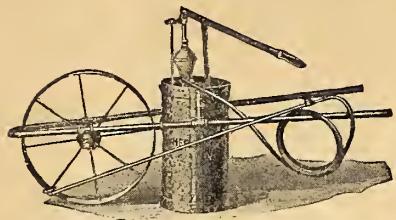
### VERMOREL KNAPSACK SPRAYER

A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$20.00 (by P. P., \$20.50).



### JIM DANDY HAND SPRAYER

Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Price, \$3.50 (by P. P., \$3.70).

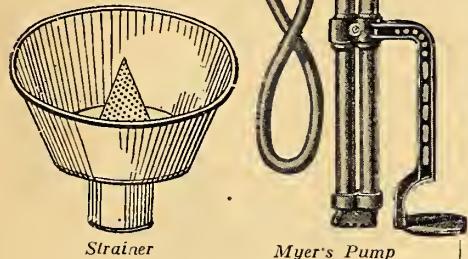


### DEMING WHEELBARROW SPRAYER

Extreme width 18 inches; 24-inch wheel with 3-inch tread. Pump has  $1\frac{1}{2}$ -inch diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 feet of hose, 4-ft. extension pole, nozzle and shut off valve. Price, \$33.50.

### No. 327 1/2 MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium priced sprayer. Price, \$4.25, including hose and nozzle (by P. P., \$4.50).



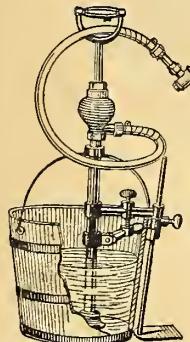
Strainer

Myer's Pump

### BRASS STRAINER

For straining whitewash, spraying material, etc., to use with Auto Spray, \$1.50 each (by P. P., \$1.65).

### BUCKET SPRAY PUMP



These are made entirely of brass, except the foot rest and hand grip. The prices below do not include bucket, but include nozzle and  $3\frac{1}{2}$  feet of  $\frac{3}{8}$ -in. hose.

No. 256. Success (without bucket fastener), \$7.50 (by P. P., \$8.00).

No. 689. Perfect Success (with bucket fastener), \$8.25 (by P. P., \$8.75).

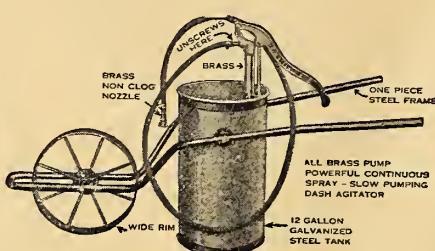
### DEMING SPRA-RITE KNAPSACK SPRAYER

Fig. 1002. These are very convenient for carrying around the garden, among shrubbery, trees, etc. Cast bronze plunger pump, solid brass ball valve; of easy operation; tank capacity four gallons; strainer for filling. Equipped with 3 feet of  $\frac{3}{8}$ -inch hose, automatic shut-off and "Eureka" nozzle; weight 30 lbs. Price, galvanized, \$20.00 (by P. P., \$20.50); brass, \$25.00 (by P. P., \$25.50).



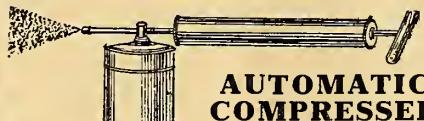
### AUTO SPRAY PUMP No. 5

A high pressure yet light and durable sprayer made entirely of brass. Double acting, producing a continuous spray and will generate a pressure of 180 pounds per square inch. Price, \$4.50 each.



### No. 50 WHEELBARROW SPRAYER

Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants; steel frame made in one piece; heavy galvanized tank; all brass pump; all working parts brass. 8 feet of hose. Price, \$15.00.



### AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered; very easily operated; especially desirable for ladies' use. Tin, each \$1.00 (by P. P., \$1.20); Brass, each, \$2.00 (by P. P., \$2.20).

### CYCLONE HAND SPRAYER

Similar to the above, except it does not have the automatic air reservoir attachment.

No. 112, Tin, large, 50c. (by P. P., 60c.).

### EXTENSION PIPES, ETC.

For reaching into trees;  $\frac{3}{8}$ -inch threads.

Bamboo, aluminum tube; 10 feet.....\$4.50

Bamboo, aluminum tube; 12 feet.....4.75

Brass, 2 ft. (by P. P., 75c.).....65

Pet Cock, for Extension pipes.....1.25

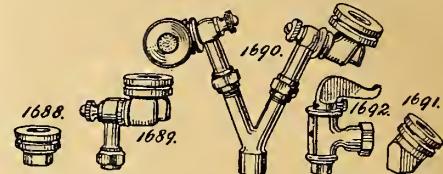
Paragon Extensions,  $2\frac{1}{2}$  ft., 60c. each (by P. P., 70c.).

A complete line of Insect Destroyers will be found on page 69.



### HEAVY BRASS SYRINGES

No.	Diam.	Length	Price By P.P.	
99.	$1\frac{1}{2}$ in.	18 in.	1 spray	\$3.75 \$4.00
101.	$1\frac{1}{4}$ in.	14 in.	2 sprays	4.25 4.50
101A.	$1\frac{1}{2}$ in.	16 in.	2 sprays	5.00 5.25
110.	$1\frac{3}{4}$ in.	20 in.	2 sprays	10.00
120.	$1\frac{3}{4}$ in.	20 in.	Adjustable	10.50

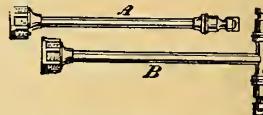


### SPRAY NOZZLES (3/8-in. Thread)

If wanted by parcel post, add 10c. each for postage.

Mistry, Jr., Fig. 1688, Straight style	... \$1.25
Mistry, Jr., Fig. 1691, Elbow style	... 1.25
Mistry, Fig. 1689, Single nozzle, adjustable angle	... 1.65
Mistry, Fig. 1690, Double nozzle, adjustable angle	... 3.50
Bordeaux Nozzle, Fig. 1692, each	... 1.50

If nozzles are wanted for  $\frac{3}{4}$ -in. hose connections, add 70c. to above prices for Fig. 966 combination.

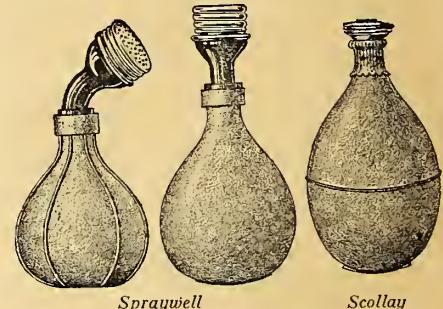


### STOTT'S SPRAY NOZZLES

Splendid for spraying underneath foliage.

By P.P.

No. A. Single	... \$1.65	\$1.75
No. B. Double	... 2.75	2.85



### RUBBER SPRINKLERS

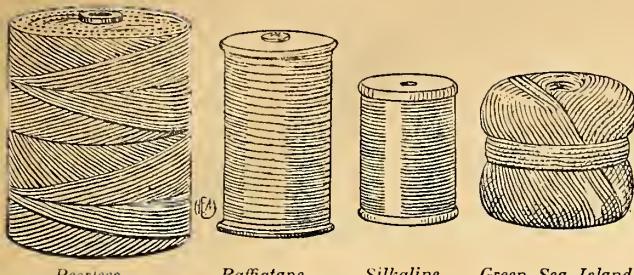
Spraywell style in either straight or crook neck.

1. Spraywell Style. 6 oz. capacity...\$0.85
2. Spraywell Style. 8 oz. capacity...1.10
3. Spraywell Style. 10 oz. capacity...1.25
1. Scollay. 10 oz. capacity.....1.50

If wanted by parcel post, add 10c. each.

### THE MISTO BOTTLE SPRAYER

An ideal sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip; so simple in design it will last forever; nothing to get out of order; made of metal, nicely nickelated; can be used in connection with most any ordinary bottle. Guaranteed in every respect or money back. Price, without bottle, \$1.10 (by parcel post, \$1.20).



Peertess      Raffiatape      Silkaline      Green Sea Island

## TWINES, ETC.

If twines are wanted by parcel post, add 10c. per lb. for postage.

	Ball	Lb.
No. 108. White Cayuga, Medium	.....	\$0.35 \$0.70
No. 208. White Cayuga, Heavy	.....	.35 .70
Jute, 2-ply and 3-ply	.....	.18 .30
Linen Bouquet	.....	.15 .85
Green Sea Island	.....	.15 .85
No. 4½. Japanese Twine, Medium heavy	.....	.35
White Cotton, 3-ply	.....	.15 .55
Peerless. Color, Nile green	.....	.90
Tarred. For mat making	.....	.35
Tarred Sisal. For fodder	.....	.17
Binder	.....	.22
Express. Very heavy	.....	.30
Green Silkaline. For stringing Smilax Asparagus, etc. F, fine; FF, medium; FFF, coarse. 35c. per spool; per lb. (8 spools), \$2.60.	.....	
Smilax Twine (Silkaline Substitute). Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.50.	.....	

## RAFFIA

For tying, basket making and fancy work; very long and fibrous.

Natural Color, 50c. per lb. (by P. P., 60c.); 5 lbs., \$2.40 (by P. P., \$2.60).

Green, 85c. per lb. (by P. P., 95c.); 5 lbs., \$4.00 (by P. P., \$4.20).

## RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about  $\frac{1}{8}$  inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green., Per bolt of 250 yards, 90c. (by P. P. \$1.00.); 6 bolts, \$5.00 (by P. P., \$5.25).

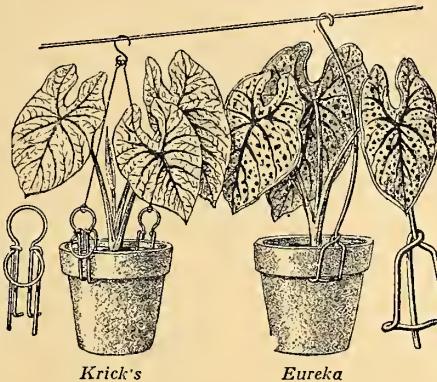
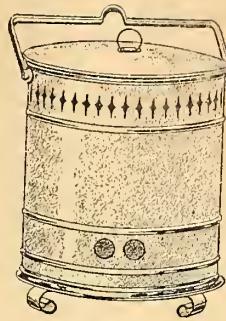
## CLARK WAGON AND AUTOMOBILE HEATER

This indestructible steel heater is admirably suited to the needs of all who operate delivery wagons or automobiles for goods subject to freezing. It yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price, \$3.50 each.

## COAL FOR WAGON HEATERS

\$1.25 per 20 brickets; per 100 bricks, \$8.50.

Please Note—Wagon heaters burn prepared coal bricks only.



## POT HANGERS

If wanted by Parcel Post, add 5c. per doz. for postage.

Each Doz.

Krick's No. 1. For 3- to 5-in. pots	.....	\$0.07	\$0.60
Krick's No. 2. For 6- and 7-in. pots	.....	.08	.70
Krick's No. 3. For 8- to 10-in. pots	.....	.09	.80

Eureka. Suitable for any size pot up to 8 inches. Made of galvanized wire. 15 inches long. 15c. each; doz., \$1.50; \$10.00 per 100.

## JONES' POT BRACKET

No. 1. Holds 5-inch pot. Each; 60c. (by P. P., 70c.).

No. 2. Holds 6-inch pot. Each, 70c. (by P. P., 80c.).

No. 3. Holds 7-inch pot. Each, 85c. (by P. P., 95c.).



## RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$2.00.

## WATER CANS (Wotherspoon's)

Galvanized; extra heavy with long spout and two roses—one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart	.....	\$4.70
6 quart	.....	5.00 \$5.50
8 quart	.....	5.50 6.00
10 quart	.....	6.00 6.50
12 quart	.....	6.25 6.75
16 quart	.....	7.00 7.50
4 quart Fern or Low Watering Can	.....	3.75

## EXTRA ROSES OR SPRAYS

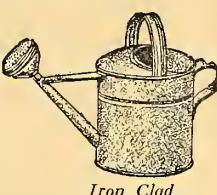
For Wotherspoon Watering Can, either coarse or fine, 60c. each (by P. P., 70c.).

## IRON CLAD WATER CANS

Made of light galvanized iron.

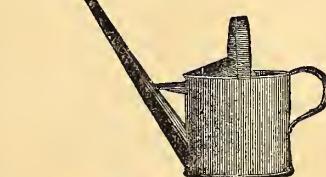
4 quart	.....	\$0.90
6 quart	.....	1.00
8 quart	.....	1.10
10 quart	.....	1.20
12 quart	.....	1.30
16 quart	.....	2.00

If Iron Clad Water Cans are wanted by Parcel Post, add 25c. each for postage.



Iron Clad

## PARLOR WATER CAN



For the enclosed porch and window boxes; oval shape; enameled; assorted colors, long spout.  
2 qt. size.....\$1.25

# MICHELL'S MISCELLANEOUS SUNDRIES

**Bulb Fibre.** Qt., 15c.; 45c. per  $\frac{1}{2}$  pk.; pk., 75c.; \$1.25 per  $\frac{1}{2}$  bu.; bu., \$2.00.

**Bull Dog Clips.** For fastening packages, etc., \$1.25 per box (by P. P., \$1.40).

**Carnation Bands (Rubber).** For mending bursted calyx. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00.

**Carnation Clips (Bairs).** For mending carnations. \$1.50 per 1000. Pliers for attaching same, \$3.25.

**Carnation Staples (Wire).** 50c. per 1000.

**Celery Paper.** For Winter protection. 500 sq. ft. per roll; price, \$2.25 per roll.

**Celery Tape.** Fast red, in 1000-yard spools, \$4.50 (by P. P., \$4.65).

**Celery Tape.** Green, in 1000-yard spools, \$4.00 (by P. P., \$4.15).

**Charcoal (Lump).** For use in potting. Pk., 65c.; \$1.50 per bu.; bbl. sack, \$2.00.

**Charcoal (Ground).** Coarse, fine and powdered. Per lb., 8c. (by P. P., 18c.); 35c. per 5 lbs. (by P. P., 55c.); 10 lbs., 60c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.

**Glass Cleaner.** Per gal., \$2.50; \$10.00 per 5 gals.

**Grafting Wax.**  $\frac{1}{4}$  lb., 20c.; 30c. per  $\frac{1}{2}$  lb. (by P. P., 35c.); lb., 55c. (by P. P., 65c.).

**Moss (Green Lump).** Pk., 60c.; \$1.75 per bu.; bbl. bag, \$3.00.

**Moss (Green Sheet).** Per lb., 35c.; \$2.25 per 10 lb. bale.

**Moss (Sphagnum, dry).** Bbl. bags, \$1.25; \$4.25 per large bale.

**Moss (Sphagnum, live).** Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.

**Pearl Chips.** For bulb bowls, aquariums, etc. Per 1 lb. pkg., 20c. (by P. P., 30c.); \$1.10 per 6 pkgs.; 12 pkgs., \$2.00; 5 lb. pkg., 80c.; \$1.50 per 10 lb. pkg.

**Peat or Leaf Mould.** Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.

**Peat (Orchid).** Pk., 75c.; \$1.75 per bu.; bbl. bag, \$3.50.

**Peat Moss, Torf Mull (Imported).** Granulated. A clean, odorless substitute for manure; a great soil improver; makes light soil retentive of moisture; makes heavy soil light. Excellent for mulching rose beds, shrubbery and evergreens; also excellent for lawns. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; per bale of about 165 lbs., \$4.00.

**Pebbles.** Qt., 10c.; 75c. per pk.; bu., \$2.50; \$5.00 per bbl. sack.

**Pruning Compound.** Per qt., 85c.; \$2.50 per gal.

**Sand.** For propagating. Per qt., 10c.; 40c. per pk.; bu., \$1.40; \$3.00 per bbl. sack.

**Shaderine.** For shading greenhouse glass. 5 lbs., \$1.25; \$2.50 per 10 lb. can.

**Soil.** For potting. Qt., 10c.; 25c. per  $\frac{1}{2}$  pk.; pk., 40c.; \$1.50 per bu.; bbl. bag, \$3.25.

**Tin Foil (Plain).** In 5- and 6-inch widths, 1-lb. pkgs., 30c. (by P. P., 40c.); 5-inch width in 5-lb. rolls, \$1.40 (by P. P., \$1.60). Green or violet in 1-lb. pkgs., 60c. (by P. P., 70c.).

**Toothpicks.** Wired. 50c. per 1000; 10,000, \$3.50.

**Toothpicks.** 4-inch, wired, green; per 1000, \$1.00; \$3.75 per 4500.

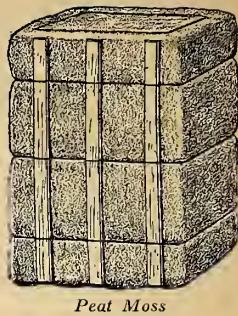
**Toothpicks.** 6-inch, wired, green; per 1000, \$1.20; \$3.30 per 3000.

**Tree Paint.** Qt., 85c.; \$2.50 per gal.

**Weed Killer (Michell's).** Qt., 55c.; 90c. per  $\frac{1}{2}$  gal.; gal., \$1.75; \$6.75 per 5 gals.; 30 gals., \$33.00; \$50.00 for 50 gals.

**Weed Killer (Atlas Non-Poisonous).** Dry form. Small can, will make 2  $\frac{1}{2}$  gals. solution, 50c.; large can will make 20 gals. solution, \$2.00.

**Zementine.** For whitewashing and shading. 2 lbs., 45c.



## MICHELL'S BIRD SEEDS, PET SUPPLIES, ETC.

It is very important that you make the proper selection of foods for your birds; pure, fresh, clean food is necessary at all times. Our bird seeds are of the highest quality, fresh and recleaned. Your feathered pets will thrive if you get your supplies in this line from us.

If Bird Seeds, Etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 20c. for 5 lbs.; 30c. for 10 lbs.

**Bird Manna.** Keeps Canary birds in prime condition and prevents the loss of song. Pkg., 15c.

**Canary Seed (Plain Sicily).** Recleaned and of splendid quality. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., \$1.65.

**Canary Seed (Mixed).** A mixture of the finest quality and in proper proportions. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., \$1.65.

**Catnip Balls.** A plaything and tonic for pussy. 20c. each.

**Cuttle Fish Bone.** Good for digestion and general health. Each, 5c.; 20c. per  $\frac{1}{4}$  lb.; per lb., 60c.

**Cuttle Fish Bone.** With holder for fastening to cage. 10c. each (by P. P., 15c.).

**Fish Food.** Granular and wafer form. Per pkg., 15c.

**Hemp Seed.** Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c.; 5 lbs., 70c.; 10 lbs., \$1.30.

**Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz., 5c.;  $\frac{1}{4}$  lb., 10c.; 30c. per lb.

**Maw Seed.** Calculated to improve the song of canaries, etc.  $\frac{1}{4}$  lb., 10c.; lb., 25c.; 5 lbs., \$1.10.



**Millet Seed (Imported).** Recleaned seed; nutritious and appetizing. Lb., 12c.; 5 lbs., 55c.; 10 lbs., \$1.00.

**Parrot Food (Spratt's).** 20c. pkg. (by P. P., 25c.); \$2.00 per doz. pkgs.

**Rape Seed.** Will keep the birds in excellent condition; feed with canary seed. Lb., 15c.; 5 lbs., 70c.; 10 lbs., \$1.30.

**Sand.** For bird cages. Red, fine. Pkg., 10c. (by P. P., 20c.); \$1.00 per doz. pkgs.

**Sand.** Silver, fine. Pkg., 10c. (by P. P., 20c.); \$1.00 per doz.

**Sand or Gravel.** Silver, coarse; for parrots' cages. 10c. per pkg. (by P. P., 20c.); doz. pkgs., \$1.00.

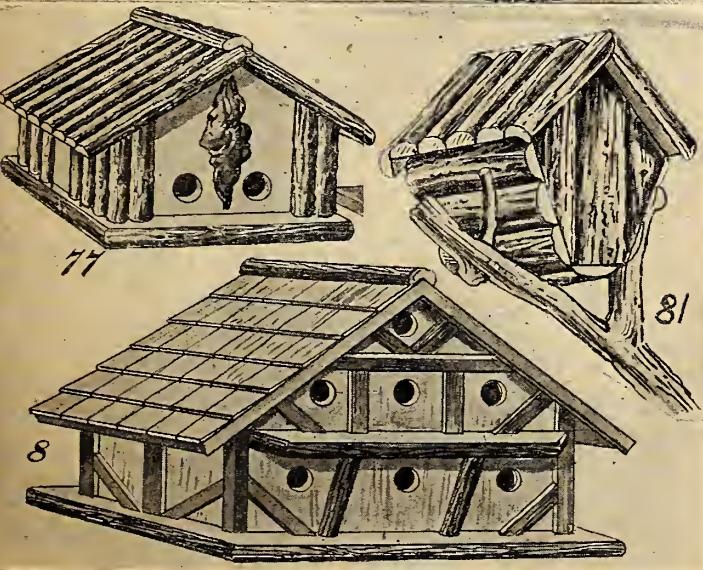
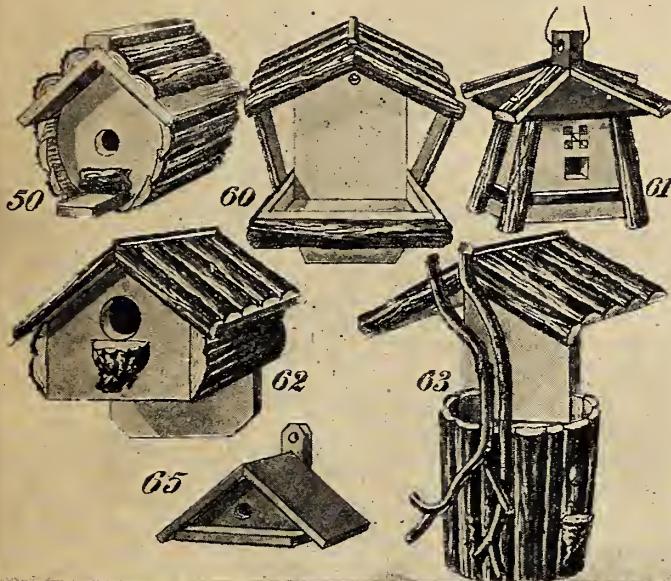
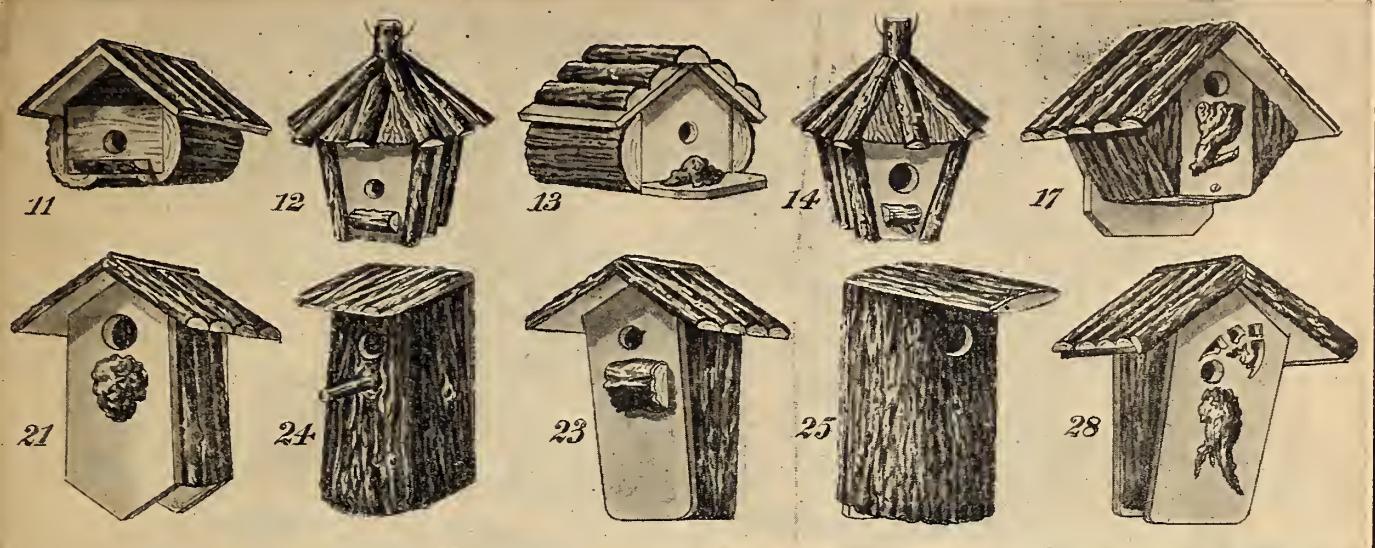
**Song Restorer.** For Canaries; revives the desire to be lively and sing more lustily. Price, 15c. per bottle; doz., \$1.50.

**Spratt's Sing Song.** A tonic and song restorer. Pkg., 15c.

**Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c. per lb.; 5 lbs., 70c.; 10 lbs., \$1.35; \$3.25 for 25 lbs.

**Unhulled Rice.** Lb., 20c.; 75c. per 5 lbs.; 10 lbs., \$1.35.

Prices on Bird Seed in larger quantities quoted on application.

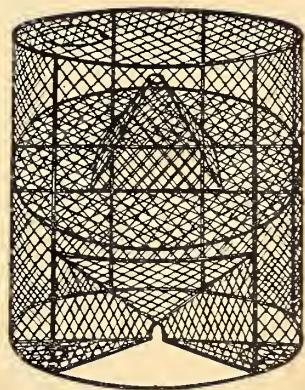


Comparatively few of us recognize the great economic value of birds. Particularly the blue birds, house wrens and martins are very easily domesticated. Their favorite nesting sites are bird houses made for their use which may be placed about in the garden and farm or in orchards. As rent, these grateful birds pay amply, destroying millions of insects annually. If you put up bird houses in the autumn or before the birds arrive in the spring you may be able to keep birds with you all winter if you provide them with shelter and food.

		Price P.	Post
		Each	Each
8.	Martin House. 14 room (not mailable).....	\$18.00	
11.	Wren House.....	1.75	\$2.00
12.	Wren House.....	1.75	2.00
13.	Wren House.....	1.75	2.00
14.	Wren or Bluebird House.....	2.00	2.25
17.	Wren House.....	1.50	1.75
21.	Bluebird House.....	1.75	2.00
23.	Wren House.....	1.75	2.00
24.	Wren House.....	1.75	2.00
25.	For Woodpeckers, Chickadees, Nut Hatches, etc.....	1.75	2.00
28.	Wren House Beautiful.....	2.00	2.25
50.	Wren House. Swinging.....	1.50	1.75
60.	Robin House.....	1.75	2.00
61.	Wren House. Swinging.....	1.75	2.00
62.	Bluebird House.....	1.75	2.00
63.	Wren and Robin House.....	2.25	2.50
65.	Maryland Wren Box.....	.50	.70
77.	Martin House. 4 room.....	5.00	5.60

#### 81. SQUIRREL HOUSE

The trouble with the ordinary squirrel houses is, that all sorts of birds will try to build in them, particularly the sparrow. This house is arranged so that no birds will try to use it, the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting place. Put high up in crotch of a tree. Price, \$5.50 (by P. P., \$6.00).

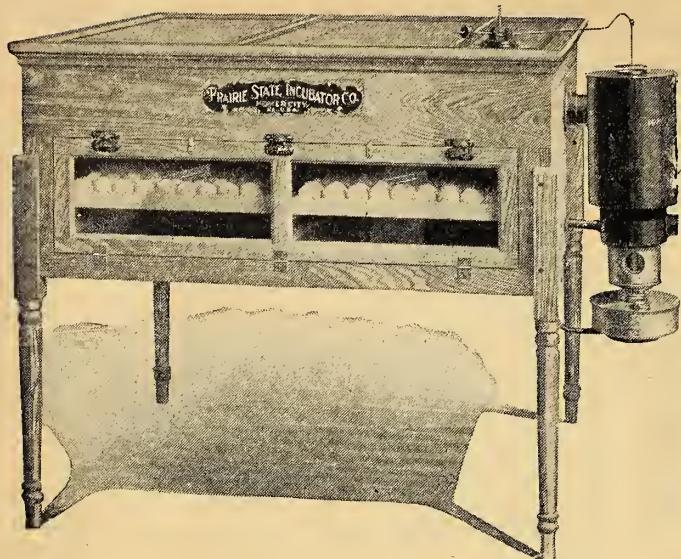


#### SPARROW TRAP (Wire)

We have tried this out and found it to be the best trap made. Scatter a little cracked corn and set the trap right over it. You'll be surprised at the catch. \$6.00 each (by P. P., \$6.50).

## MICHELL'S RELIABLE POULTRY SUPPLIES

## EUREKA COAL STOVE BROODER



Prairie State Incubator

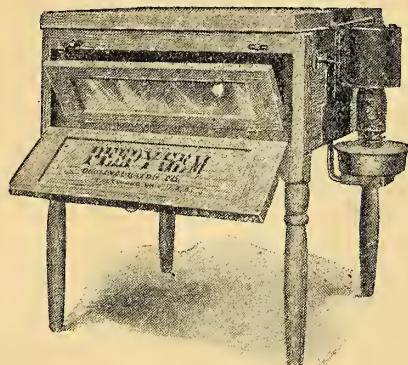
## PRAIRIE STATE INCUBATORS

The Prairie State Incubators have made good since the day of their introduction, which is many years ago; the improvements that have been added are the results of developments which experience has proven to be both practical and successful.

In the building, design and construction of the Prairie State Incubator, every known factor to the present time has been taken into consideration. All Prairie State Incubators are equipped with nurseries.

The Prairie State has the diffusive air circulation system and sand tray moisture feature and is as faultless as it is possible to make incubators.

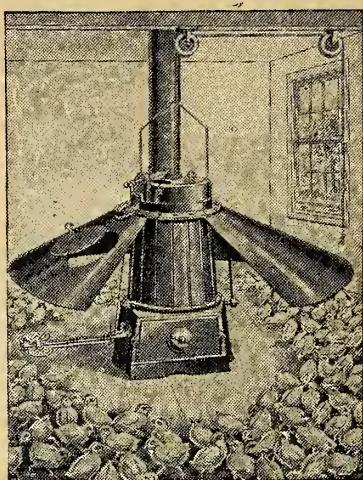
	Hen Egg Capacity	Duck Egg Capacity	Price
No. 0. Diffusive style . . . . .	100	75	\$30.00
No. 3. Diffusive style . . . . .	390	300	67.50



Peepy Gem Incubator

## PEEPY GEM HOT WATER INCUBATOR

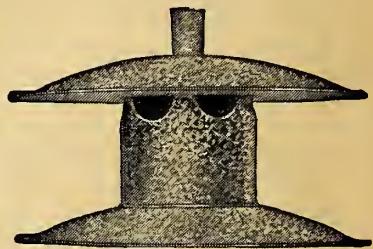
This is especially designed for the amateur or beginner. It is a wonderful value for the price charged. Very carefully made. Equipped with galvanized water heater and a sensitive thermostat. We can supply this in one size only, 50-egg capacity. Price, \$10.00.



This type has a corrugated fire pot claimed to be gas proof; is self regulating and the manufacturer claims you can operate it at a cost of 5 cents per day. It requires no attention except coaling once in 24 or 48 hours according to weather. The "Eureka" is made in Philadelphia and is sold at a very attractive price because the capacity for manufacturing them is large and conditions favorable. Made in two sizes: No. 11, weight 95 lbs., for brooding 500 chicks, \$16.50; No. 22, weight 117 lbs., for brooding 1000 chicks, \$21.50.

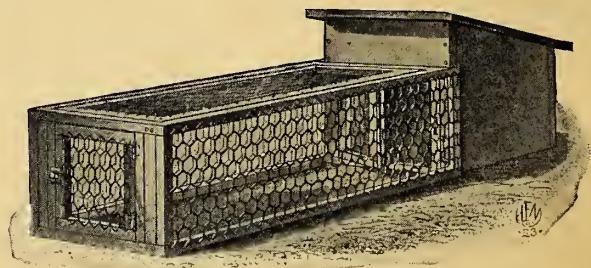
## PUTNAM BROODER HEATER

This can be used in any home-made brooder. The heater is so constructed that it acts like an open fireplace, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically. Heat is radiated from above onto the backs of chicks, giving the natural and soothing effect of the hen, without the lice. The brooder heater is made of brass and galvanized iron and is practically indestructible. Every brooder heater is accompanied by easily followed directions for building the home-made brooder. Price of heater, \$4.75 (by P. P., \$5.00).



## LITTLE PUTNAM STOVE

This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather. The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the wick never needs trimming. Price, \$1.95 (by P. P., \$2.10).



## FARM BROOD COOP

A big, roomy coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. The roof is hinged. Then there is a wire run 38 x 21 x 16 inches. The top is hinged. Price, complete, \$6.25.

For complete list of Poultry Supplies, See our General Catalog—copy free.

## THE NEW 1928 MODEL SOL-HOT BROODER



Sol-Hot is the only brooder on the market that has a different size burner for each size canopy. It costs more to build them this way but it means economy for you.

### You take no risk when you order a Sol-Hot

If you are thinking of buying a brooder this season by all means buy a Sol-Hot—it means so much to you in the way of saving of labor and better results in the rearing of your chicks.

You may be able to buy a brooder that costs a little less money but based on the better value you get—the more chicks you will raise—the freedom from trouble—the elimination of fire hazard—Sol-Hot is by far the cheapest brooder in the long run.

### It's the Twin Float Automatic Oil Level Control

Sol-Hot, with its many years of undisputed leadership once more steps "Way out in front" this season with the greatest invention ever made for oil-burning Brooders. The patented TWIN-FLOAT Oil Level entirely eliminates the trouble and bother of having to level up the brooder in order to get it to burn properly. Equipped with the New Twin-Float Oil Level the Sol-Hot Brooder can be set anywhere, regardless of uneven floor conditions. Comes assembled, ready for immediate operation. No leveling of any kind needed.

No danger from fire—no trouble—no worry. All you have to do is to put oil in container, prime and light the burner, and turn flame control valve—like knob on gas stove—to height desired. The oil container is connected to the burner with copper tubing. It can be set anywhere on the floor, on a shelf, high or low—it makes no difference. Burner cannot overflow—cannot go out—the Twin-Float absolutely prevents it.

### Prices

Baby, 24 inch Canopy, broods 100 chicks.....	\$11.50
Standard, 34 inch Canopy, broods 250 chicks.....	17.00
Standard, 44 inch Canopy, broods 500 chicks.....	20.50
Standard, 54 inch Canopy, broods 1000 chicks.....	22.50

Complete descriptive circular on Sol-Hot Brooders free on request.

### THE HOME HATCHER HOVER

Especially designed to meet the requirements of the raiser of a small flock of poultry. Substantially built and of fireproof construction throughout. With the exception of the legs, the entire hover, including the lamp, is made of heavy galvanized iron. It is fitted with a lamp for which a separate housing is provided. An ideal hover for baby chicks. Capacity 50 chicks. Price \$7.00.

### COLLINS OAT SPROUTER

The most practical quickest growing, perpetual, sectional and fireless Oat Sprouter. The Collins Sprouter is made in units, light individual pans, one pan for each day of the week and a drip pan at the bottom.

The feeding of sprouted oats is no longer an experiment. Experience has proven time and again its value as a food for stimulating egg production. Oats sprouted in the right manner furnish food most nearly akin to the fresh green growth of spring time, the prolific laying time of the year.

No. 1—8 Pan 11 x 15 inch.....	\$4.00
No. 2—5 Pan 11 x 15 inch.....	3.00
No. 3—8 Pan 11 x 32 inch.....	8.00

If wanted by parcel post, add 30c. each for postage.



## MICHELL'S NON FREEZE FOUNT

Built like a thermos bottle. Keeps water warm for 12 hours in zero weather. Also an ideal fount for summer use as it will also keep water cool in hot weather.

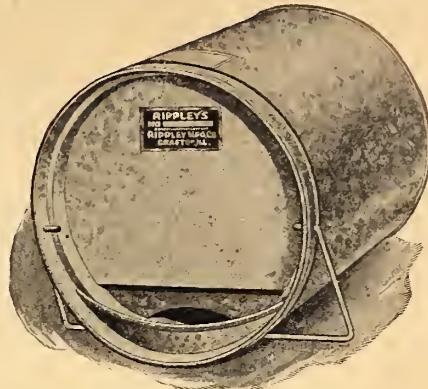
Each

**Round Style,**

Capacity, 1 gal. \$2.50

**Square Style,**

Capacity, 2 gal. 4.50



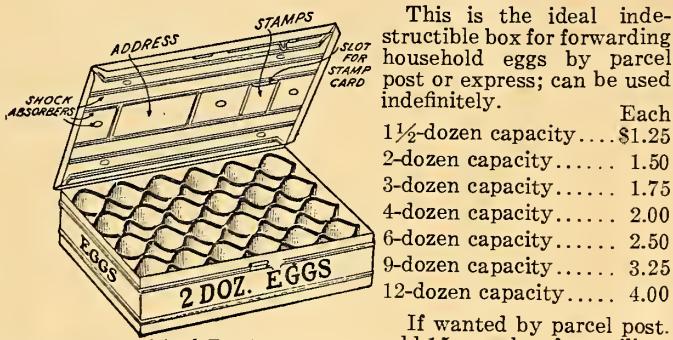
### PARCEL POST EGG BOXES

A carrier that can be packed quickly; one that is safe and approved by the Postal Dept. Light in weight, economical in postage; very low in first cost so that cost can usually be charged in with the price of eggs. The eggs are suspended clear of walls—breakage almost negligible; made of strong, corrugated fibre board.

If wanted by parcel post add 5c. each, or 25c. per doz., for postage.

Capacity	Each	Doz.	Capacity	Each	Doz.
1 doz.....	\$0.15	\$1.50	3 doz.....	\$0.30	\$3.00
2 doz.....	.25	2.25	4 doz.....	.35	3.50

### METAL EGG SHIPPING BOX



Metal Egg Box

This is the ideal indestructible box for forwarding household eggs by parcel post or express; can be used indefinitely.

Each	1½-dozen capacity.....	\$1.25
	2-dozen capacity.....	1.50
	3-dozen capacity.....	1.75
	4-dozen capacity.....	2.00
	6-dozen capacity.....	2.50
	9-dozen capacity.....	3.25
	12-dozen capacity.....	4.00

If wanted by parcel post, add 15c. per box for mailing.

Extra fillers for 18 egg size, 36c. each (by P. P., 45c.).

" " for 24 egg size, 48c. each (by P. P., 60c.).

" " for 36 egg size, 72c. each (by P. P., 85c.).

" " for 48 egg size, 96c. each (by P. P., \$1.10).

" " for 60 egg size, \$1.20 each (by P. P., \$1.35).

" " for 108 egg size, \$2.16 each (by P. P., \$2.35).

" " for 144 egg size, \$2.88 each (by P. P., \$3.10).

Separating cardboards, 2c. each; address cards, 2c. each.



### SALT BRICKS

For dairy cows, horses and other animals. Essential to general good health in stables; fastened on the wall it is accessible at all times and remains clean. Per brick, 25c. (by P. P., 35c.); \$2.75 per dozen.

**Salt Brick Holders**, 50c. each (by P. P. 60c.); doz., \$5.00.

# SHERWIN-WILLIAMS PAINTS & VARNISHES



On account of the many demands and inquiries made by our customers, we have been compelled to include Paints, etc. in our up-to-date Sundry Department, and are now in a position to furnish everything the gardener, florist and farmer will require to keep their places in up-to-the-minute condition.

After months of careful research and investigation we have decided to stock the **World Renown Brand—SHERWIN-WILLIAMS PAINT**, feeling sure that by doing so it will be in keeping with our high standard of quality.

Complete color sheets furnished free on request and information cheerfully given on any of your painting problems.

Send for free book "How to Paint Your Home and Color Schemes."

## S. W. P.

A prepared paint for buildings, outside and inside.

This is the most durable and economical paint that can be made. It is made in one quality only, and that is the very best. It is prepared ready for use in a consistency as heavy as is ever required.

Made in 32-popular colors.

	1/2 Pt.	Pt.	Qt.	Gal.
Regular Colors.....	\$0.35	\$0.60	\$1.10	\$3.85
Flat White.....	.40	.65	1.15	4.05
Outside Gloss White.....	.40	.65	1.15	4.05
China Gloss White.....	.40	.65	1.15	4.05
French Crown Green 362.....	.45	.70	1.20	4.30
Moss Green 498.....	.45	.70	1.20	4.30

Color card sent on request.

## ROOF AND METALLIC PAINT

Roof and Metallic Paint is a utility paint for use on roofs, bridges, iron fences, corncribs and other structures of metal and rough lumber. It has a covering capacity of approximately 300-square feet, two coats, per gallon, on smooth surface.

It can be supplied in the following colors:		Gal.	5 Gals.
Red			
Brown			\$1.75
Black			
Bronze Green			
Gray Slate.....	1.95	9.50	

Color card sent on request.

## MAR-NOT

### For Floors

Is extremely tough and durable and has great elasticity so that the scuffing of heels and moving furniture will not mar the film. The wood will dent and the varnish film will "give" with the dent but it won't crack. Absolutely waterproof. Per 1/2 pt., 50c.; 80c. per pt.; qt., \$1.45; \$5.00 per gal.

## BRUSHES

The Brushes we offer are of the finest quality only, feeling sure that our customers will get much better satisfaction from a high grade brush than the second or third grade article. All of the Brushes are made of the finest bristles and are rubber set so that the bristles will not come out.

Varnish Brushes		Each
1-inch Flat.....		\$0.35
2-inch Flat.....		.70
3-inch Flat.....		1.30

Sash Tools		Each
No. 2.....		\$0.20
No. 4.....		.25
No. 6.....		.35

Wall Brushes		Each
3-inch.....		\$0.60
3 1/2-inch.....		.75
4-inch.....		1.00

## PORCH, BARN AND FENCE PAINT

Probably no finish gets as many varied abuses as the porch floor paint. It is walked on, furniture is dragged over it and it must withstand the hot sun, hard rains and extremes of temperature. Sherwin-Williams Porch and Deck Paint is made of materials that gives unusual toughness with the necessary elasticity to stand these hard knocks. It dries with a good gloss which makes it easy to keep clean. Repeated scrubbing will not dull the finish. Per qt., \$1.10; \$3.85 per gal.

Color card sent on request.



## FLAT-TONE

### The Interior Flat Wall Paint

A flat oil paint made especially for walls and ceilings where it will prove extremely durable and economical. The colors can be intermixed to make an endless variety of in-between shades, and with the aid of a sponge, beautiful stipple effects can easily be secured by the amateur. Made in 14-popular colors. Per 1/2 pt., 30c.; 50c. per pt.; qt., 85c.; \$2.90 per gal.

Color card sent on request.

## ENAMELOID

### The Decorative Enamel

The ideal enamel for the amateur. Flows easily and smoothly under the brush, leaving a beautiful gloss finish free from brush marks and "laps". Made in 14-colors, Black and White. Enameloid is highly recommended for use on furniture, wickerware, woodwork, and for bathroom and kitchen walls and ceilings. Regular colors and white, 30c. per 1/4 pt.; 1/2 pt., 55c.; 90c. per pt.; qt., \$1.60; \$5.75 per gal. Carmine, Orange, Maroon, Grass and Willow Green and Yellow, 35c. per 1/4 pt.; 1/2 pt., 65c.; \$1.05 per pt.; qt., \$1.95; \$7.00 per gal.

Color card sent on request.

## SHINGLE STAIN

This is ideal for use on shingle roofs and sidings. They are penetrating stains—not thin paints that wash off or fade. They contain refined creosote and other liquids that penetrate and stain the wood to a considerable depth.

This can be furnished in 10 colors.

	Gal.	5 Gals.
Brown, All Shades.....	\$1.50	\$7.00
Red, All Shades.....	1.50	7.00
Green, All Shades.....	1.75	8.25
Gray.....	1.95	9.25

Color card sent on request.

## SCAR-NOT

### For Furniture and Woodwork

Dries with a deep lustre; will not scratch white and is very durable for its purpose. Scar-Not would not stand the scuffing of feet but it is ideal on all upstanding wood-work. Water will not affect it. Per 1/2 pt., 50c.; 80c. per pt.; qt., \$1.45; \$5.00 per gal.

## ACCESSORIES

	Each
Singl-Wheel Glass Cutters.....	\$0.15
6-Wheel Glass Cutters.....	.40
Putty Knives.....	25c to .75
Putty 2 1/2 lb. cans, 25c; 1.10 per 12 1/2 lb. can	
Whitewash Brushes, 7-inch.....	1.25
Fitches—	
1/4-inch.....	.15
1/2-inch.....	.20
3/4-inch.....	.25

Made to withstand the roughest weather; has great elasticity to accommodate extremes of temperature and all the water in the world cannot hurt it or turn it white. Clings tenaciously to the surface and gives absolute protection for the longest possible period of time. Per 1/2 pt., 55c.; 95c. per pt.; qt., \$1.70; \$6.00 per gal.

## REXPAR

### Outside Spar Varnish

An excellent product that varnishes and stains in one operation. Made from strong, permanent stains and mixed with Mar-Not Varnish. Matches the natural woods almost perfectly. Can be used on new wood, or on previously finished surfaces by first applying a coat of Flo-Lac Ground. Is extremely durable and waterproof.

Made in six colors and Ground. Is easily grained with ordinary tool.

1/4 Pt.	1/2 Pt.	Pt.	Qt.	Gal.
\$0.30	\$0.50	\$0.85	\$1.55	\$5.50
Colors.....				
Ground.....			.30	.45
			.75	1.30
				4.50

# MICHELL'S INSECT DESTROYERS, ETC.

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**PLEASE NOTE:** Insecticides marked \*cannot be sent by parcel post. Where others are wanted in this way, add for postage as follows: 10c. for 1 lb.; 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

**Antrol.** A complete control system of combating ants, consisting of special glass containers and Antrol syrup. Cottage set containing nine receptacles and 6 oz. bottle of syrup, \$1.90; extra pt. bottles of syrup, \$1.00 each; extra receptacles, 20c. each.

\***Aphine.** For destroying aphis, green fly, thrip, red spider, etc. Per  $\frac{1}{4}$  pt., 30c.; 45c. per  $\frac{1}{2}$  pt.; pt., 70c.; \$1.15 per qt.; per gal., \$3.25.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine. For use in greenhouses only. Per pkg. of 12 sheets, \$1.00; \$9.50 per case of 12 pkgs.

\***Arsenate of Lead (Coated).** Especially valuable for protecting foliage against the Japanese beetle; covers and sticks like paint. Per lb., 60c.; \$1.10 per  $2\frac{1}{2}$  lbs.; 10 lbs., \$3.50; \$8.00 per 25 lbs.; 50 lbs., \$15.00; per 100 lbs., \$25.00.

\***Arsenate of Lead (Powdered).** Per  $\frac{1}{2}$  lb., 30c.; lb., 50c.; 5 lbs., \$2.25; \$4.00 per 10 lbs.; \$8.00 per 25 lbs.; \$27.00 per 100 lbs.

\***Black Leaf 40.** Per 1 oz. bottle, 35c.; \$1.25 per  $\frac{1}{2}$  lb.; 2 lbs., \$3.25; \$11.85 per 10 lbs.

\***Bordo Lead (Powdered).**  $\frac{1}{2}$  lb., 25c.; 45c. per lb.; 5 lbs., \$2.00; \$3.50 per 10 lbs.; 25 lbs., \$7.50; 100 lbs., \$25.00.

\***Bordeaux Mixture (Powder).** 12 $\frac{1}{2}$ % copper mixture, for spraying purposes. Per  $\frac{1}{2}$  lb., 25c.; 40c. per lb.; 5 lbs., \$1.75; \$3.00 per 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Bug Death.** Largely used instead of Paris Green. Not poisonous to persons. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 75c.; \$1.50 per  $12\frac{1}{2}$  lbs.; 100 lbs., \$8.75.

**Calcium Casenate.** Used as a spreader to mix with other insecticides. Per 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.00.

\***Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., \$1.50; \$7.00 per 5 gals.

\***Copper Solution.** Excellent spray for carnation rust and diseases of the grape, pear, apple, etc. Q.t., \$1.50; \$4.00 gal.

\***Cyanegg.** For generating Hydrocyanic Acid Gas. Do not use on Sweet Peas. Per lb., 75c.; \$3.00 for 5 lbs.

\***Cyanogas (Calcium Cyanide).** A valuable insecticide for greenhouse fumigation. Per lb., 85c.; \$3.50 per 5 lbs.; 25 lbs., \$11.00; \$35.00 per 100 lbs. Descriptive circular free.

\***Derrisol.** For the control of plant lice, leaf hopper, green-flies, thrips, red spider, etc. Per  $\frac{1}{2}$  lb. bottle, \$1.20; \$2.00 per 1 lb. can; 2 lb. can, \$3.00; \$12.00 per 10 lb. can.

**Evergreen Insecticide.** A non-poisonous insecticide, recommended for killing a wide variety of insects on plants and flowers. Per  $1\frac{1}{2}$  oz., 35c.; \$1.00 per 6 ozs.; 16 ozs., \$2.00; \$3.85 per 32 ozs.; gal., \$13.00; \$50.00 per 5 gals.

**Fish Oil Soap.** An excellent summer spray, where San Jose Scale exists. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$3.75; \$6.00 per 50 lbs.; per 100 lbs., \$10.50.

**Fish Oil Soap (Good's Caustic).** Lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$1.85; \$3.75 per 25 lbs.; 50 lbs., \$6.00; \$10.50 per 100 lbs.

**Fish Oil Soap (Rosin).** Per 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$4.50; \$7.50 per 50 lbs.; 100 lbs., \$13.00.

**Fungicide (Zenke's).** For various forms of fungous diseases. Per  $\frac{1}{2}$  pt., 35c.; 60c. per pt.; qt., \$1.00; \$2.00 per  $\frac{1}{2}$  gal.; gal., \$3.50.

\***Fungtrogen.** Will conquer mildew and control black spot on roses. 75c. per  $\frac{1}{2}$  pt.; pt., \$1.25; \$2.00 per qt.;  $\frac{1}{2}$  gal., \$3.50; \$6.00 per gal.

**Getz there Soap.** Ideal for washing palms, etc. 2 lbs., 65c.; \$1.75 for 8 lbs.; 25 lbs., \$5.00.

**Grape Dust.** A powder preparation used for mildew, aphis, black fly and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., \$1.00; \$1.85 per 10 lbs.

\***Hellebore.** For destroying rose bugs, currant worms, etc. 35c. per  $\frac{1}{2}$  lb.; lb., 60c.; \$2.75 per 5 lbs.

\***Insectogen.** A complete spray for leaf chewing insects, including caterpillars, rose slug worms and Japanese beetles. Per  $\frac{1}{2}$  pt., \$1.00; \$1.75 per pt.; qt., \$2.75; \$4.50 per  $\frac{1}{2}$  gal.; gal., \$8.00.

\***Japanese Beetle Spray "Whiz."** Kills Japanese Beetles; non-poisonous to human beings; may also be used for killing other insects. Dilute 1 part to 15 parts of water. Per qt., \$1.25.

\***Kerosene Emulsion.** Dilutes 1 part to 20 parts of water. 50c. per pt.; 90c. per qt.; gal., \$1.75; \$7.50 per 5 gals.

\***Lemon Oil Insecticide.** Effectually destroys mealy bug, scale, thrip and red spider. Per  $\frac{1}{2}$  pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per  $\frac{1}{2}$  gal.; gal., \$3.00; \$12.00 per 5-gal. keg.

\***Lime Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Per qt., 45c.; 75c. per  $\frac{1}{2}$  gal.; gal., \$1.15; \$4.00 per 5 gals.;  $\frac{1}{2}$  bbl. (30 gals.), \$10.50; \$15.00 per bbl. (50 gals.).

**Lime Sulphur (Dry Powder Form).** Lb., 35c.; \$1.40 per 5 lbs.; 10 lbs., \$2.50; \$4.50 per 25 lbs.; 50 lbs., \$8.00; \$14.00 per 100 lbs.

**Mag-O-Tite.** Protects crops against the ravages of the root maggot and other garden pests. Per lb., 50c.; \$1.50 per 5 lbs.; 25 lbs., \$5.00; \$9.00 per 50 lbs.

\***Melrosine.** An efficient Rose Bug remedy. Per 6 oz., 50c.; \$1.00 per pt.; qt., \$1.75; \$6.00 per gal.

\***Mo-Lo.** For destroying and driving away moles. Per pkg., 25c.

\***Nico Fume (Liquid).** For use as a spray or vapor. Per  $\frac{1}{4}$  lb., 85c.; \$2.25 per lb.; 4 lbs., \$6.75; \$12.50 per 8 lbs.

**Nico Fume Paper.** A paper treated with nicotine. Per box of 24 sheets, \$1.50; \$5.25 for 144 sheets; 288 sheets, \$9.25.

\***Nico Fume Fumigating Powder.** For fumigating greenhouses. Per lb. can, \$1.15; \$4.00 for 5 lbs.; 10 lbs., \$7.35.

\***Nikoteen (30%).** Per 1 oz. bottle, 30c.; 45c. per  $1\frac{1}{4}$  oz. bottle;  $\frac{1}{2}$  lb. bottle, \$1.35; \$2.25 per lb.; 4 lbs., \$7.00; \$12.50 per 8 lbs.

**Nikoteen (40% solution).** Per 4 lbs., \$7.50; \$14.00 per 8 lbs.

**Para Dichlorobenzine.** For peach tree borers. Per 1 lb. can, 65c.; \$2.50 per 5 lb. can; 10 lb. can, \$4.50; \$11.00 per 25 lb. keg; \$33.00 per 100 lbs. keg.

\***Paris Green.** Per  $\frac{1}{4}$  lb., 15c.; 30c. per  $\frac{1}{2}$  lb.; lb., 55c.; \$2.50 per 5 lbs.; \$5.00 per 14 lbs.

\***Pyrethrum Powder.** Valuable as a poison for plant lice, water bugs, roaches, etc.; also the strawberry moth. Per lb., 75c.; \$3.25 per 5 lbs.; 10 lbs., \$6.25.

**Rat Paste (Zelio).** The most efficient poison for destroying rats, mice and other rodents. Per 2 oz. tube, 50c.

**Scalecide.** Used for the destruction of the San Jose Scale. Spray during the winter or early spring when the trees are dormant. Per qt., 75c.; \$1.75 per gal.; 5 gals., \$6.25; \$10.75 per 10 gals.; 30 gals., \$26.00; \$38.00 per 50 gals.

**Semesan (Du Pont).** A mercuric disinfectant for the control of many seed, plant and soil diseases. Per 2 ozs., 50c.; \$1.60 per 8 ozs.; lb., \$2.75; \$13.00 per 5 lbs.; 25 lbs., \$62.50; \$122.50 per 50 lbs.; 100 lbs., \$240.00.

**Semesan Spray (Du Pont).** For disinfecting against diseases of roses and other plants. Per 2 oz., 50c.; \$1.60 per 8 ozs.; lb., \$2.75; \$13.00 per 5 lbs.; 25 lbs., \$62.50.

\***Shoo Fly.** For keeping flies off cattle and horses; used with a spray or a sponge. Per qt., 55c.; \$1.50 per gal.

**Slug Shot.** The standard remedy for currant worms, rose slugs, cabbage worms, etc. Per 1-lb. carton, 20c.; 60c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$11.00; full barrel lots (about 250 lbs.), 10c. per lb.

**Snarel.** For the control of cut worms, snails, slugs, etc. Per lb., 50c.; \$1.00 per 3 lbs.; 15 lbs., \$3.75.

\***Soap Spray (Imp).** An all around insecticide. Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$22.50.

\***Sulphate of Copper.** Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$10.00.

**Sulphur.** Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$2.00 per 25 lbs.; 100 lbs., \$7.50.

\***Sunoco Spray Oil.** Per  $\frac{1}{2}$  gal., \$1.00; \$1.50 per gal.; 5 gals., \$5.75; \$12.00 per 15 gals.; 30 gals., \$20.00; \$26.00 per 50 gals.

\***Thrip Juice (Hammond's No. 2).** Effective against aphis, red spider, mealy bugs, etc. Per pt., 85c.; \$1.40 per qt.; gal., \$4.25.

**Tobacco Dust (for dusting).** Per 1 lb. can with sifter top, 25c.; 40c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.

**Tobacco Dust (for fumigating).** Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$6.00 per 100 lbs.

**Tobacco Soap (Sulpho).** Per 3 oz., 15c. (by P. P., 20c.); 25c. per 6 oz. (by P. P., 30c.).

**Tobacco Stems (Fresh).** Per lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.;  $\frac{1}{2}$  ton, \$15.00; \$27.50 per ton.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Per lb., 60c.; \$2.75 per 5 lbs.; 10 lbs., \$5.25; \$11.00 per 25 lbs.

\***Volck.** A spray for the garden, nursery and greenhouse. Per  $\frac{1}{2}$  pt., 50c.; 75c. per pt.; qt., \$1.00; \$3.00 per gal.; 5 gals., \$12.50; \$24.00 per 10 gals.; 14-gal. drums, \$25.00.

\***Wilson's O. K. Plant Spray.** Per  $\frac{1}{2}$  pt., 50c.; \$1.25 per qt.; gal., \$3.25; \$13.50 for 5 gals.; 10 gals., \$25.00.

**Worm Destroyer (for earth worms).** For destroying worms that infest lawns and putting greens. Per 100-lb. bags, \$4.00; \$18.50 per 500 lbs.;  $\frac{1}{2}$  ton, \$32.50; \$60.00 per ton.

**X. L. All Insecticide Compound.** An English preparation for spraying, for mealy bug, red spider, etc. Per gal., \$8.00.

## MICHELL'S HIGH GRADE FERTILIZERS

All Prices on Fertilizers subject to market changes.

**Acid or Rock Phosphate (16%).** Apply 1000 lbs. per acre. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.25; \$3.50 per 200 lbs.;  $\frac{1}{2}$  ton, \$13.50; \$25.00 per ton.

**Adco.** A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25 lb. bag, \$2.00; \$10.50 per 150 lb. bag; 600 lbs., \$42.00; \$145.00 per 2100 lbs.

**Ashes, Hard Wood.** Apply 1000 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lb. bbl.;  $\frac{1}{2}$  ton, \$22.50; ton, \$40.00.

**Asparagus Fertilizer.** Apply 800 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$22.50; ton, \$40.00.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.

**Blood Flour.** 5 lbs., 65c.; \$1.10 per 10 lbs.; 25 lbs., \$2.25; \$4.00 per 50 lbs.; 100 lbs., \$7.00; \$13.00 per 200 lbs.

**Bone (Coarse Ground).** Apply 800 to 1000 lbs. per acre. \$8.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$35.00; \$65.00 per ton.

**Bone Flour.** Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$8.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$35.00; \$65.00 per ton.

**Bone Meal (Michell's Special Grade).** Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.25 for 25 lbs.; 50 lbs., \$2.25; \$4.00 per 100 lbs.; 200 lbs., \$7.50; \$32.50 per  $\frac{1}{2}$  ton; ton, \$60.00.

**Carnation Food (Springfield).** Invigorates root action of the plants and produces a natural growth. 25 lbs., \$1.75; \$3.00 per 50 lbs.; 100 lbs., \$5.00.

**Chrysanthemum Manure (Thomson's Special).** Recommended and used by the leading private gardeners of England and America. 28-lb. sack, \$4.00; \$7.00 per 56-lb. sack.

**Clay's Fertilizer.** For forcing greenhouse plants and vegetables. 28 lbs., \$3.75; \$6.25 per 56 lbs.; 112 lbs., \$12.00.

**Cotton Seed Meal.** Apply 800 lbs. per acre. Excellent for use as a grass and grain fertilizer. 5 lbs., 50c.; 85c. for 10 lbs.; 25 lbs., \$2.00; \$3.50 for 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$50.00; \$90.00 per ton.

**Cow or Cattle Manure (Shredded).** Apply 1000 lbs. per acre. 5 lbs., 45c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; \$3.75 per 100 lbs.; 500 lbs., \$18.00; \$33.00 per  $\frac{1}{2}$  ton; ton, \$60.00.

**Cow or Cattle Manure (Pulverized).** \$3.75 per 100 lbs.; 500 lbs., \$18.00; \$33.00 per  $\frac{1}{2}$  ton; ton, \$60.00.

**Ferogen.** A summer ground dressing; reinforces any manure fertilizers. Per lb., 75c.; \$1.25 per 2 lbs.; 5 lbs., \$2.75; \$4.75 per 10 lbs.; 25 lbs., \$11.00; \$40.00 per 100 lbs.

**Florandin.** A concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. Per lb., 50c.; \$5.00 per 25 lbs.; 50 lbs., \$9.75.

**Horn Shavings.** Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 70c.; \$1.25 for 10 lbs.; 25 lbs., \$2.50; \$4.00 for 50 lbs.; 100 lbs., \$7.50.

**Hortobacco (Michell's).** A complete combined fertilizer and insecticide. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.;  $\frac{1}{2}$  ton, \$26.00; \$50.00 per ton.

**Humus.** 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs. for 85c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$10.00 per 500 lbs.;  $\frac{1}{2}$  ton, \$15.00; \$25.00 per ton. Price, in car lots, \$8.00 per ton, f. o. b. loading point in N. J.

**Kainit (Potash Salts).** Apply 800 to 1000 lbs. per acre. Excellent for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$1.50 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per  $\frac{1}{2}$  ton; ton, \$22.00.

**Lawn Dressing and Fertilizer (Michell's).** Apply 1000 lbs. per acre. Highly desirable for Fairways and Putting Greens. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$27.50 per  $\frac{1}{2}$  ton; ton, \$50.00.

**Lawn Sand.** For destroying weeds in the lawn without injury to the grass. 3  $\frac{1}{2}$  lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.50; \$4.00 per 28 lbs.; 56 lbs., \$6.50; \$12.50 per 112 lbs.

**Lime (Hydrated or Powdered).** Apply one ton per acre. 50c. per 10 lb. box; 50 lbs., \$1.10; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per  $\frac{1}{2}$  ton; ton, \$30.00

**Limestone (Pulverized).** Apply one ton per acre. \$2.00 per 100 lbs.; 500 lbs., \$8.50; \$15.00 per  $\frac{1}{2}$  ton; ton, \$25.00

**Mulford Culture.** For inoculating Beans, Peas and Sweet Peas, garden size, 35c. For Clovers  $\frac{1}{2}$  bu. size, 60c.; 1 bu. size \$1.00; 2  $\frac{1}{2}$  bu. size \$2.25; 10 bu. size, \$8.00. For Cow Peas, Soy Beans, Canada Peas, Vetch, Beans, Peas and Sweet peas, 1 bu. size, 60c.; 2 bu. size, \$1.00; 5 bu. size, \$2.25; 20 bu. size, \$8.00.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 15c. for 3 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

**Mum Manure (Smith's).** Give your plants a quick start by using this manure. A perfect food for Mums and other flowers. Per 50 lbs., \$5.50; \$10.00 per 100 lbs.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis equal to 50 per cent actual potash 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.50 for 200 lbs.;  $\frac{1}{2}$  ton, \$33.00; \$65.00 per ton.

**Nitragin.** A legume bacteria. Garden size for Beans, Peas and Sweet Peas, 20c. For Beans, Peas, Sweet Peas, Alfalfa, Clovers, Vetch and Canada Peas,  $\frac{1}{4}$  bu. size, 40c.;  $\frac{1}{2}$  bu. size, 60c.; 1 bu. size, \$1.00; 5 bu. size, \$4.75. For Cow Peas and Soy Beans,  $\frac{1}{2}$  bu. size, 40c.; 1 bu. size, 70c.; 5 bu. size, \$2.50.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$42.50; \$80.00 per ton.

**Phosphate (Michell's High Grade).** Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$26.50; \$50.00 per ton.

**Phosphate for Corn.** Apply 800 lbs. per acre. \$6.00 per 200 lbs.;  $\frac{1}{2}$  ton, \$25.00; \$45.00 per ton.

**Plantabbs.** An odorless plant food for all plants in the house or garden. Per pkg. of 30 tablets, 25c.; 50c. for 75 tablets; 200 tablets, \$1.00 (by P. P., \$1.10); \$3.50 per 1000 tablets (by P. P., \$3.65).

**Plant Food (Michell's).** A highly concentrated chemical fertilizer for house, garden or conservatory. Analysis Nitrogen 2  $\frac{1}{2}$ % available phosphoric acid, 7%; potash, 2%. Per 5 oz. pkg., 20c. (by P. P. 25c.); 30c. per 12 oz. pkg. (by P. P., 40c.).

**Plant Life (Zenke's).** A liquid plant food, tonic and fertilizer. Per 8 oz., 30c. (by parcel post, 40c.); \$3.75 per gal.

**Rose Food (Springfield).** Rich in fertilizing elements for roses. 10 lbs., \$1.25; \$2.25 per 25 lbs.; 100 lbs., \$6.50

**Sacco.** A complete high grade fertilizer for lawn and garden use. Lb., 25c.; 50c. per 5 lbs.; 10 lbs., 85c.; \$1.75 per 25 lbs.; 50 lbs., \$3.00; \$5.00 per 100 lbs.;  $\frac{1}{2}$  ton, \$47.50; \$90.00 per ton.

**Salt.** For asparagus beds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$2.00 per 100 lbs.; 200 lbs., \$3.25; \$13.00 per  $\frac{1}{2}$  ton; ton, \$25.00.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use. 3 lbs., 30c.; 45c. per 5 lbs.; 10 lbs., 70c.; \$1.25 per 25 lbs.; 50 lbs., \$2.00; \$3.75 per 100 lbs.; 500 lbs., \$18.00; \$33.00 per  $\frac{1}{2}$  ton; ton, \$60.00.

**Soot (Imported Scotch).** 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$6.00 per 112 lbs.

**Stim-U-Plant.** A plant food in tablet form. Per pkg. of 30 tablets, 25c. (by P. P., 30c.); 75c. per pkg. of 100 tablets (by P. P., 85c.); 1000 tablets, \$3.50 (by P. P., \$3.65).

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25% of ammonia. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$1.75; \$3.00 per 50 lbs.; 100 lbs., \$5.00; \$9.00 per 200 lbs.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$4.50; \$8.00 per 200 lbs.

**Tankage.** This is usually applied to plants such as roses, etc., under glass. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

**Terogen.** An autumn and winter ground dressing for the rose garden. 1 lb. tin, 75c.; \$1.25 per 2 lbs.; 5 lbs., \$2.75; \$4.75 per 10 lbs.; 25 lbs., \$11.00; \$40.00 per 100 lbs.

**Tobacco Stems.** Per lb., 10c.; 30c. per 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.; per  $\frac{1}{2}$  ton, \$15.00; \$27.50 per ton.

**Tree Food, Evergreen (Michell's).** A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. Per 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$25.00 per 500 lbs.;  $\frac{1}{2}$  ton, \$40.00; \$75.00 per ton.

**Vigoro.** Especially adapted for the lawn and vegetable garden. 5 lbs., 75c.; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$5.50 per 100 lbs.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. \$5.25 per 200 lbs.;  $\frac{1}{2}$  ton, \$23.75; \$45.00 per ton.

**Wonder Worker Fertilizer.** A high grade animal base fertilizer for growing all vegetable crops 100 lbs., \$5.50; \$10.00 per 200 lbs.; 500 lbs., \$24.00; \$42.50 per  $\frac{1}{2}$  ton; ton, \$70.00.

Fern Dish Liner Earthen Fern Pan



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Krick's Pot Hanger

Eureka Pot Hanger

### CEDAR TUBS

#### Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

Inside Diam. Each

No. 0	24 $\frac{3}{4}$ in.	\$11.50
No. 1	23 $\frac{3}{8}$ "	10.50
No. 2	21 $\frac{3}{8}$ "	9.50
No. 3	18 $\frac{1}{2}$ "	7.50
No. 4	16 $\frac{1}{2}$ "	6.50
No. 5	14 $\frac{7}{16}$ "	5.75
No. 6	12 $\frac{7}{16}$ "	5.00
No. 7	11 $\frac{3}{4}$ "	4.25
No. 8	10 $\frac{11}{16}$ "	3.75

### MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	By P.P.
1	6 in.	6 in.	\$0.75	\$0.90
2	7 "	7 "	.80	.95
3	8 "	8 "	.85	1.00
4	9 "	9 "	.90	1.05
5	10 "	9 "	.95	1.10
6	11 "	10 "	1.15	1.35
7	12 "	11 "	1.30	1.50
8	13 "	12 "	1.75	2.00
9	14 "	13 "	1.85	2.10
10	15 "	14 "	2.25	2.50
11	16 "	15 "	2.35	2.65
12	17 "	16 "	2.75	3.10
13	18 "	17 "	3.25	3.75
14	19 "	18 "	4.25	4.75

### EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 inch.....	\$0.02	\$0.17	\$1.22	\$11.48
2 ".....	.02	.18	1.02	9.56
2 $\frac{1}{4}$ ".....	.02	.18	1.16	10.84
2 $\frac{1}{2}$ ".....	.02	.18	1.35	12.75
3 ".....	.03	.24	1.76	16.58
3 $\frac{1}{2}$ ".....	.03	.29	2.16	20.40
4 ".....	.04	.36	2.70	25.50
4 $\frac{1}{2}$ ".....	.06	.49	3.65	34.43
5 ".....	.07	.65	4.85	45.90
5 $\frac{1}{2}$ ".....	.08	.81	6.08	57.38
6 ".....	.09	.98	7.29	68.85
7 ".....	.15	1.62	12.15	
8 ".....	.22	2.34	17.55	
9 ".....	.33	3.60	27.00	
10 ".....	.45	4.86	36.45	
12 ".....	.91	9.90	74.25	
14 ".....	1.48	16.20	121.50	

### SEED PANS (Earthenware)

	Each	Doz.
6 inches square.....	\$0.83	\$9.00
8 ".....	1.11	12.06
10 ".....	1.38	15.12
12 ".....	1.65	18.00

### CUT FLOWER VASES

#### (Galvanized Iron)

No.	Top Diam.	Height	Bottom Diam.	Each
65	7 $\frac{1}{2}$ in.	8 in.	6 $\frac{1}{2}$ in.	\$0.65
66	9 "	10 "	7 $\frac{1}{2}$ "	.80
67	9 "	11 $\frac{1}{2}$ "	7 $\frac{1}{2}$ "	.90
68	9 "	12 $\frac{1}{2}$ "	7 $\frac{1}{2}$ "	1.10
69	9 "	18 "	7 $\frac{1}{2}$ "	1.30
70	9 "	24 "	7 $\frac{1}{2}$ "	1.75
253	5 "	10 "	3 $\frac{3}{4}$ "	.55
254	5 $\frac{1}{2}$ "	11 "	4 $\frac{1}{2}$ "	.65
255	6 $\frac{1}{2}$ "	12 "	5 $\frac{1}{2}$ "	.80
257	6 $\frac{1}{2}$ "	15 "	4 $\frac{1}{2}$ "	1.00

### AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4 $\frac{1}{2}$ in.	\$0.07	\$0.65	\$4.86
6 "	5 "	.09	.98	7.29
7 "	6 "	.15	1.62	12.15
8 "	7 "	.22	2.34	17.55
9 "	7 $\frac{1}{2}$ "	.33	3.60	27.00
10 "	8 "	.45	4.86	36.45
12 "	10 "	.91	9.90	74.25

### EARTHEN BULB PANS

6 inches diam.	Each	Doz.	100
	\$0.09	\$0.98	\$7.29
7 "	.15	1.62	12.15
8 "	.22	2.34	17.55
9 "	.33	3.60	27.00
10 "	.45	4.86	36.45
12 "	.91	9.90	74.25
14 "	1.48	16.20	121.50

### PAPER FLOWER POTS

Ins.	P.P.	P.P.
Diam.	Doz.	per doz.
2 $\frac{1}{4}$	\$0.12	\$0.17
2 $\frac{1}{2}$	.15	.20
3	.18	.23
3 $\frac{1}{2}$	.20	.25
4	.25	.35
5	.30	.40
6	.45	.55
7	.55	.70
8	.60	.80
9	.65	.95
10	.70	.95
11	.75	1.15
12	.80	1.15
13	.85	1.15
14	.90	1.15

### FERN DISH LINERS

Width	Height	Each	Doz.	100
2 $\frac{1}{4}$ in.	1 $\frac{1}{8}$ in.	\$0.50	\$0.60	\$4.45
3	1 $\frac{1}{8}$ in.	.60	.70	5.15
4	1 $\frac{1}{8}$ in.	.70	.80	7.05
5	1 $\frac{1}{8}$ in.	.80	.90	9.15
6	1 $\frac{1}{8}$ in.	.90	.90	11.40
7	1 $\frac{1}{8}$ in.	1.00	1.10	11.40
8	1 $\frac{1}{8}$ in.	1.10	1.20	11.40
9	1 $\frac{1}{8}$ in.	1.20	1.30	11.40
10	1 $\frac{1}{8}$ in.	1.30	1.40	11.40
11	1 $\frac{1}{8}$ in.	1.40	1.50	11.40
12	1 $\frac{1}{8}$ in.	1.50	1.60	11.40
13	1 $\frac{1}{8}$ in.	1.60	1.70	11.40
14	1 $\frac{1}{8}$ in.	1.70	1.80	11.40

Note—Earthenware cannot be packed for shipment by Parcel Post.

### EUREKA POT HANGERS

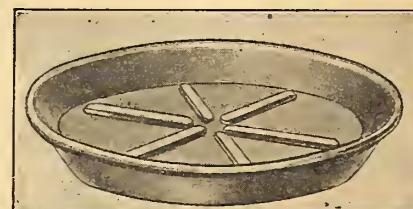
15c. each; doz., \$1.50 (by parcel post, \$1.70); \$10.00 per 100.

### KRICK POT HANGERS

Each	Doz.	P.P.
\$0.07	\$0.60	\$0.65
.08	.70	.75
.09	.80	.85

### EARTHENWARE SAUCERS

Each	Doz.	100
\$0.03	\$0.27	\$2.03
.04	.36	2.70
.06	.54	4.05
.07	.72	5.40
.10	.99	7.43
.14	1.35	10.13
.15	1.62	12.15
.19	1.98	14.85
.23	2.43	18.23
.37	4.05	30.38



### RUBBER SAUCERS

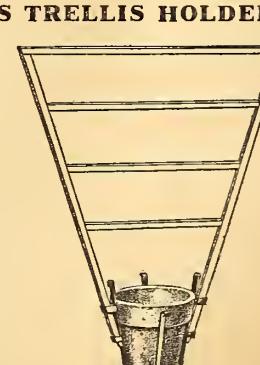
Durable and waterproof.

No.	Each	Each	Doz.
1	4 $\frac{1}{2}$ inch	\$0.20	\$0.25
2	5 $\frac{1}{4}$ "	.25	.35
3	6 $\frac{1}{4}$ "	.30	.40
4	7 $\frac{1}{4}$ "	.35	.45
4A	8 $\frac{1}{4}$ "	.40	.50
5	9 $\frac{1}{2}$ "	.50	.60
6	10 $\frac{1}{4}$ "	.70	.80
7	12 $\frac{3}{4}$ "	.85	1.00

### VERDERY'S TRELLIS HOLDER

Simply perfect; trellis locked in holder as long as pot is in place; made of good quality steel; trellis of well-seasoned wood.

Size for	Each
4-in. pot	\$0.75
5-in. pot	.90
6-in. pot	1.00
7-in. pot	1.25

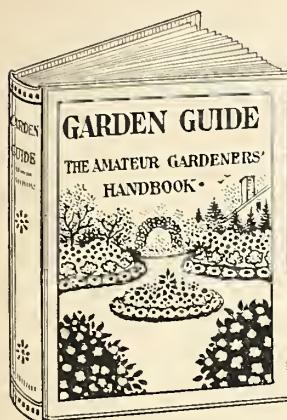


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